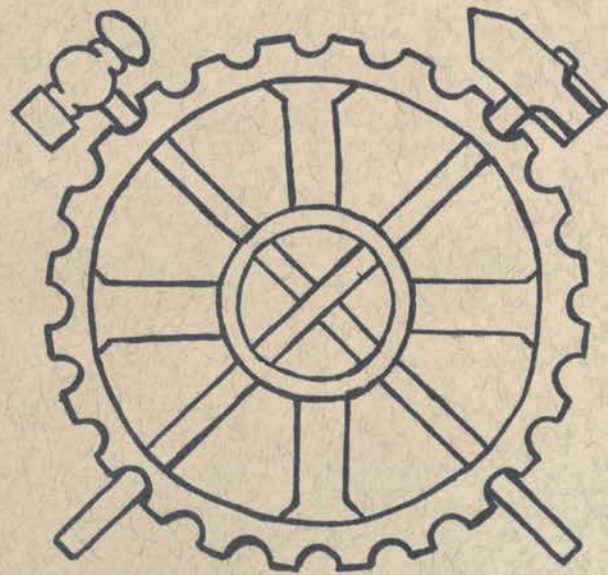




1988-1989

Engineering Excellence

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The 1988-1989 ROLLAMO

Volume 83

Engineering Excellence

A Student Publication Of
The University of Missouri-Rolla
Rolla, Missouri 65401

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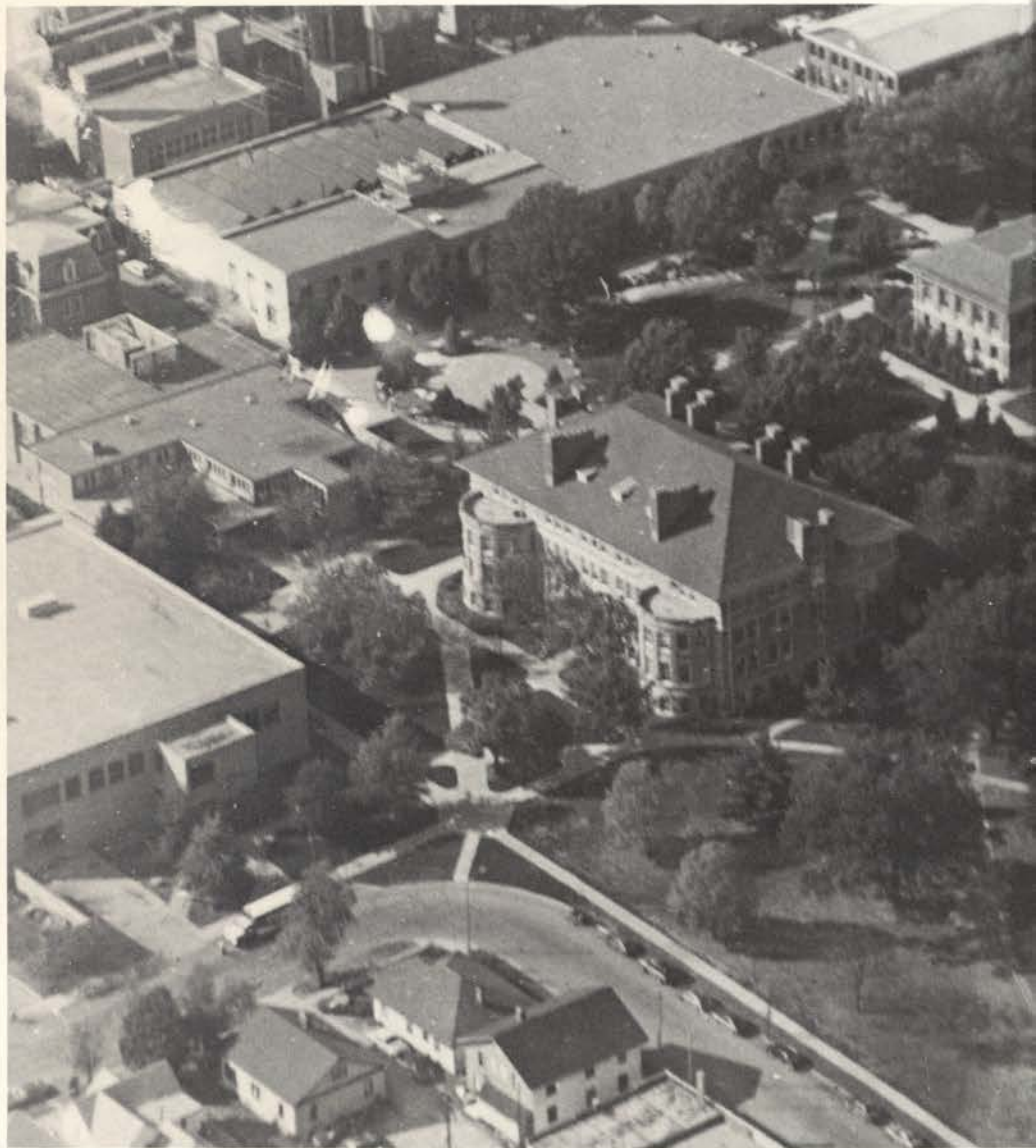
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Editor's Note

This year's **ROLLAMO** represents the desire of our staff to take a few unconnected ideas and transform them into a coherent, high quality yearbook, better than any we've ever done before here at UMR.

After reviewing the 288 sketches, articles and page designs that form the skeleton of the book that's now in your hands, I can already tell it blows all the others away! Linked together by the general theme of UMR's role in engineering excellence, this **ROLLAMO** pays special attention to the people of UMR and their achievements.

Special commendations for their roles in producing this year's book are in order for Jason McHaney, who jugged

some 22 photographers for the best results possible, and for Cathy Alofs, who has my best wishes and most sincere sympathy for when she takes over the editor-in-chief's position next fall.

Other efforts can't be ignored, so I won't run the risk of trying. Special thanks go to "Wild" Bill and Mike for their work on the Sports section; Sue for assembling the Living Units section and for appearing in many of its pictures; Becky, who fortunately didn't have to crop anything this year; and Angela, for doing everything she did on the Organizations section, and for helping me with mine.

On the photography side, special notice goes to Bill Booth, who along



Craig S. Eyermann
Editor-in Chief
1988-1989 **ROLLAMO**

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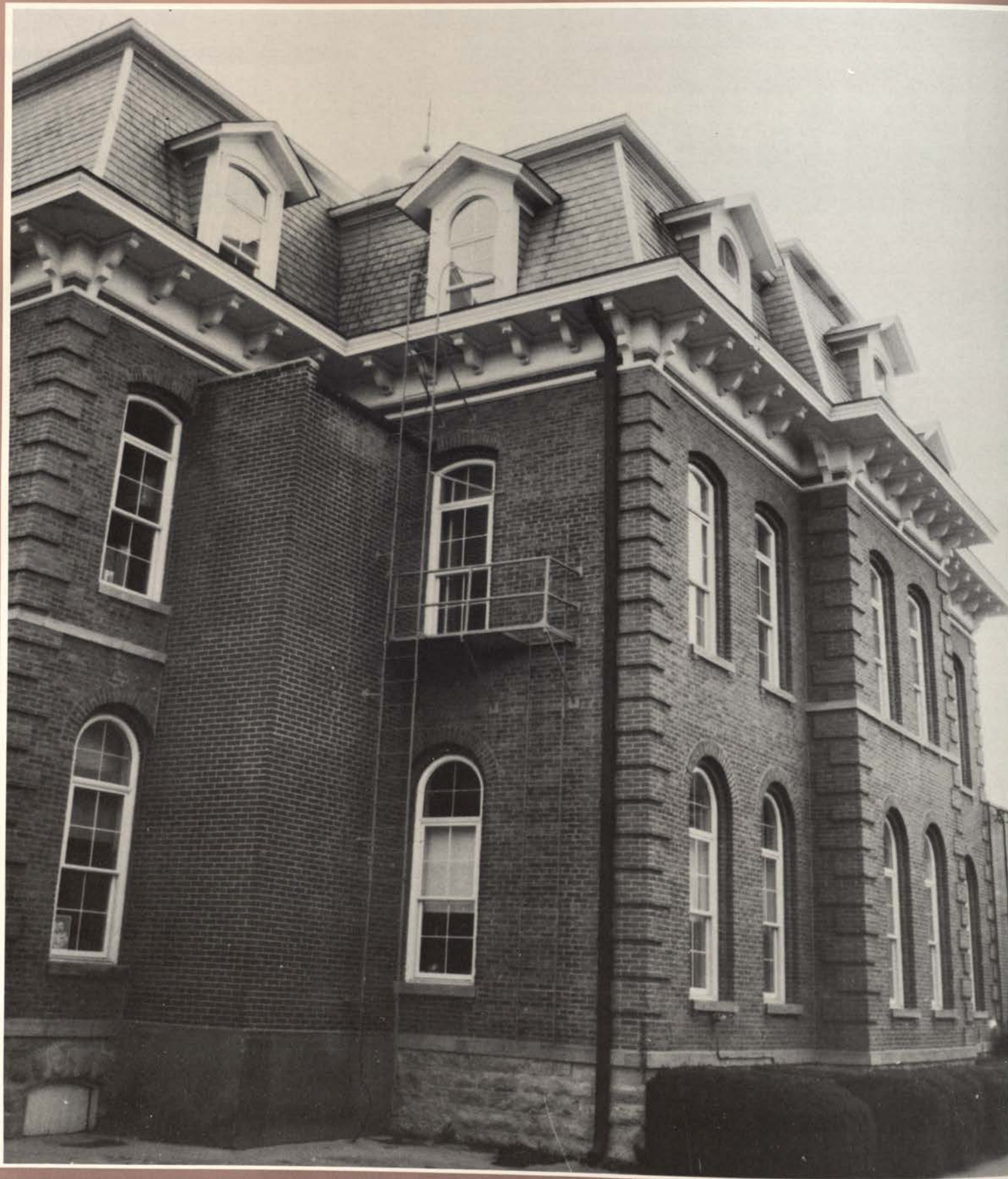
with Jason took many of the pictures nobody else could, and Mike Schmid, who took many of the pictures Bill and Jason didn't have to.

So, read on! We've captured some of the most, and some of the least memorable events of the year at UMR.

Best Regards,

Craig S. Eyermann

Photo by Eric Ward



B. Gaschen

CAMPUS LIFE



A. Bartels



G. Halley

Campus Life

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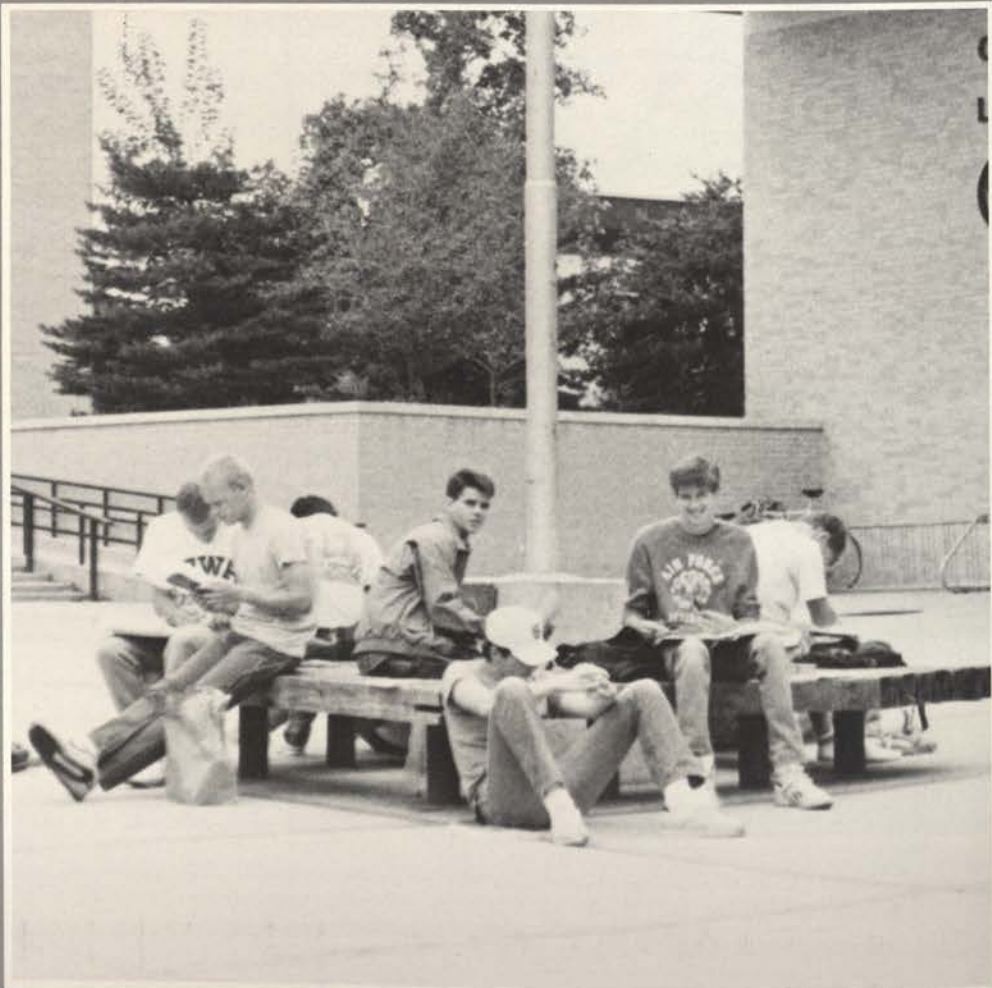
The buildings which both students and faculty pass by each day are as much a part of campus life as sitting in class or other school oriented activities. The

Rolla Building, the Curtis Laws Wilson Library and Fulton Hall all occupy important niches on campus as well as in campus life.

Theorizing About “The Black Hole”

No one really knows the exact reasons why the University of Missouri-Rolla has become known among its student population as “The Black Hole.”

The flagpole in front of the library continues to exert gravitational forces on students meeting between classes.





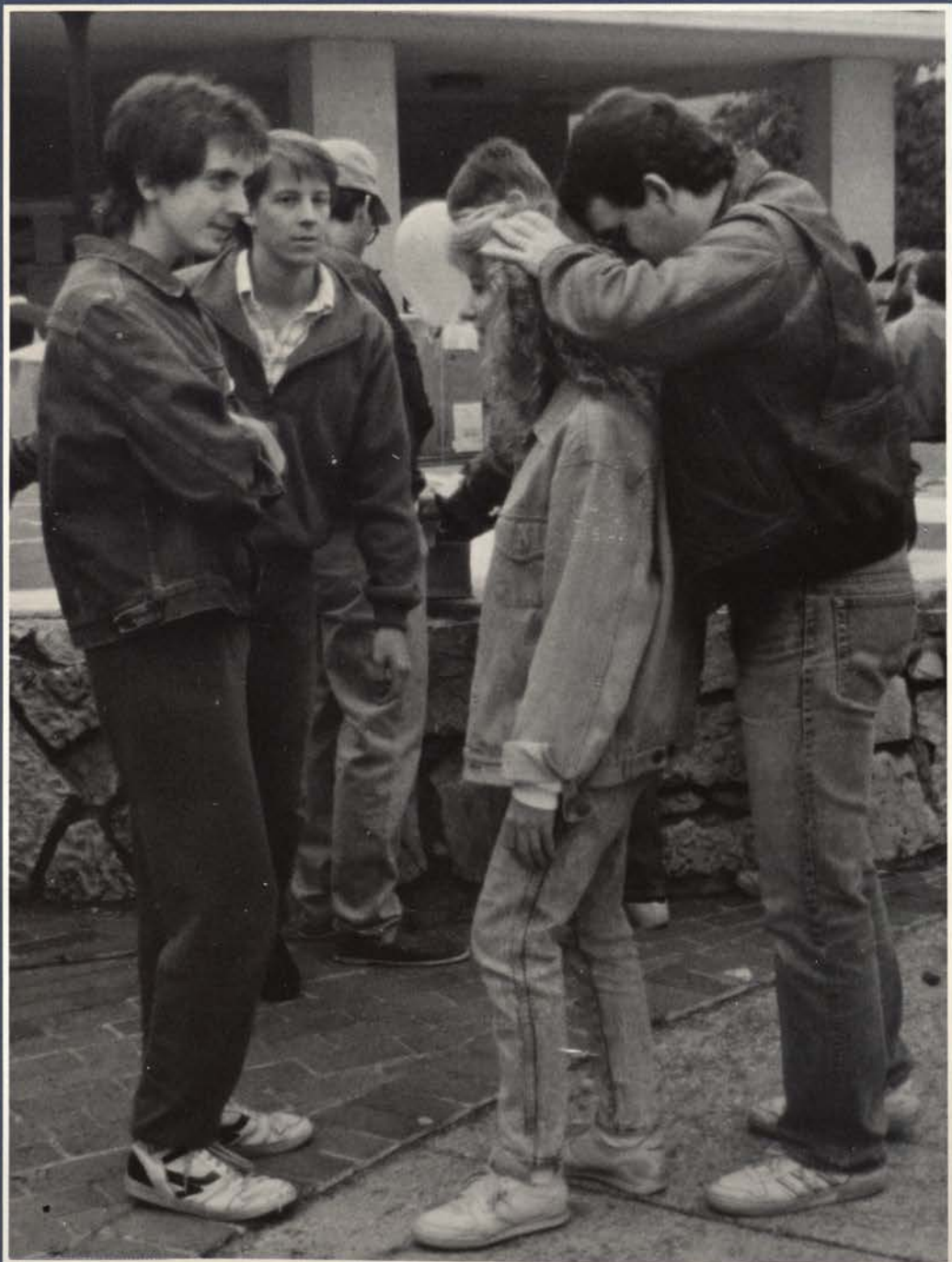
M. Schmid

KMNR D. J. Jeff Brown digs into one of the darker corners of KMNR's record library to find a selection for his show.

Perhaps it is Rolla's strategic location, which puts the town just outside the broadcast range of the major radio stations of big cities, leaving the alternative choices of pop, country and KMNR.

Then again, it could be the school's notorious 4 to 1 male/female ratio, which for those who fall on the wrong side of that statistic sets up a tremendous desire to be anywhere else (preferably suffering from the reverse dilemma).

UMR's infamous 4 to 1 guy/girl ratio is driven home at the Varsity Athlete Reception. The ratio is highly dependent upon major, with electrical engineering, civil engineering and chemical engineering being among the best, and mechanical engineering among the worst.





Varsity swimmer Rob Wagner receives a flat-top from Mark at "Sheer Perfection."

Dr. Krishnamurthy barbeques hamburgers while senior Brian Christensen heads for paper plates at the Society of Mechanical Engineers picnic at Schuman Park.



One of the ways in which fraternity brothers spend their idle time is to carve intricate patterns into the tree trunks known as cudgels which are then entered into St. Pat's competition.



A. Bartels



D. Gawedzinski

Baby Board Reps under the supervision of Senior Rep John Segur sell green during the Student Activities Open House.

Or maybe it's the lack of a real nightlife. Even though Rolla has four bars, three theatres, two bowling alleys and more fast food restaurants per capita than anywhere in the nation, most students rarely get to these places to let off academic steam.

Members of the UMR Mine Mucking Team find out all about work and sweat while training for the annual mine mucking competition.

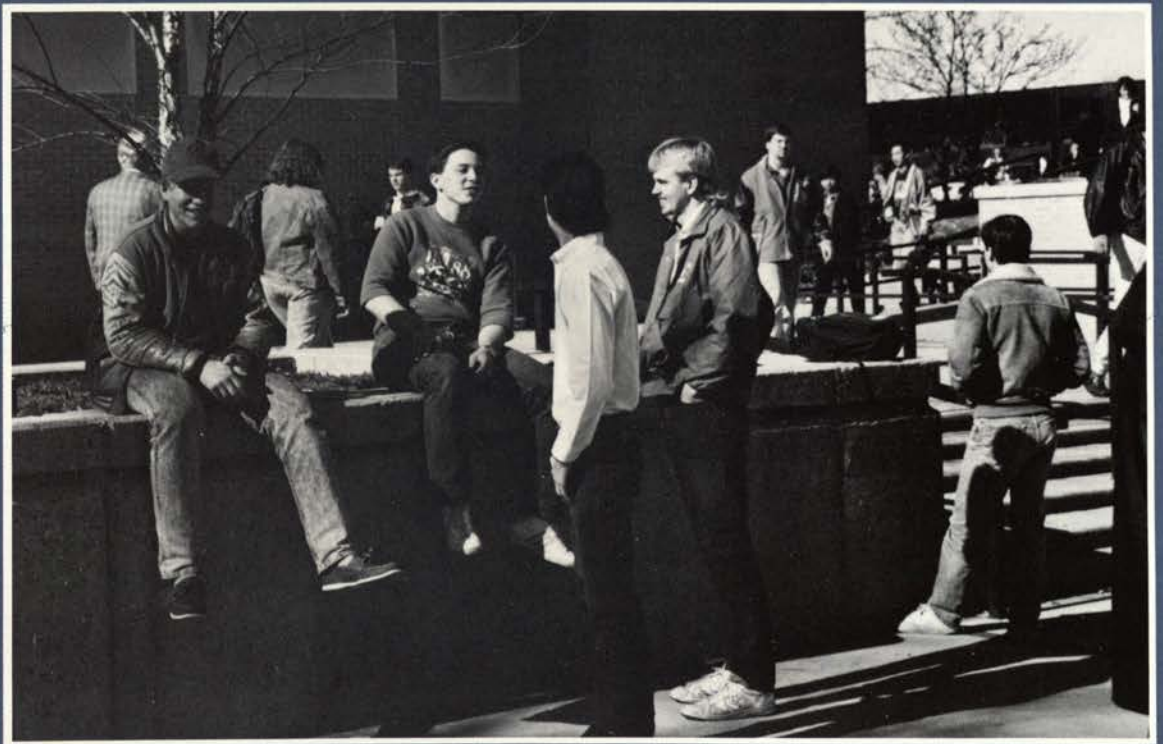


J. McHaney

One point that all students can agree upon is the sheer amount of work, sweat and frustration it takes to survive and master UMR's demanding disciplines.



Muslim students take notes in an upper level civil engineering course.

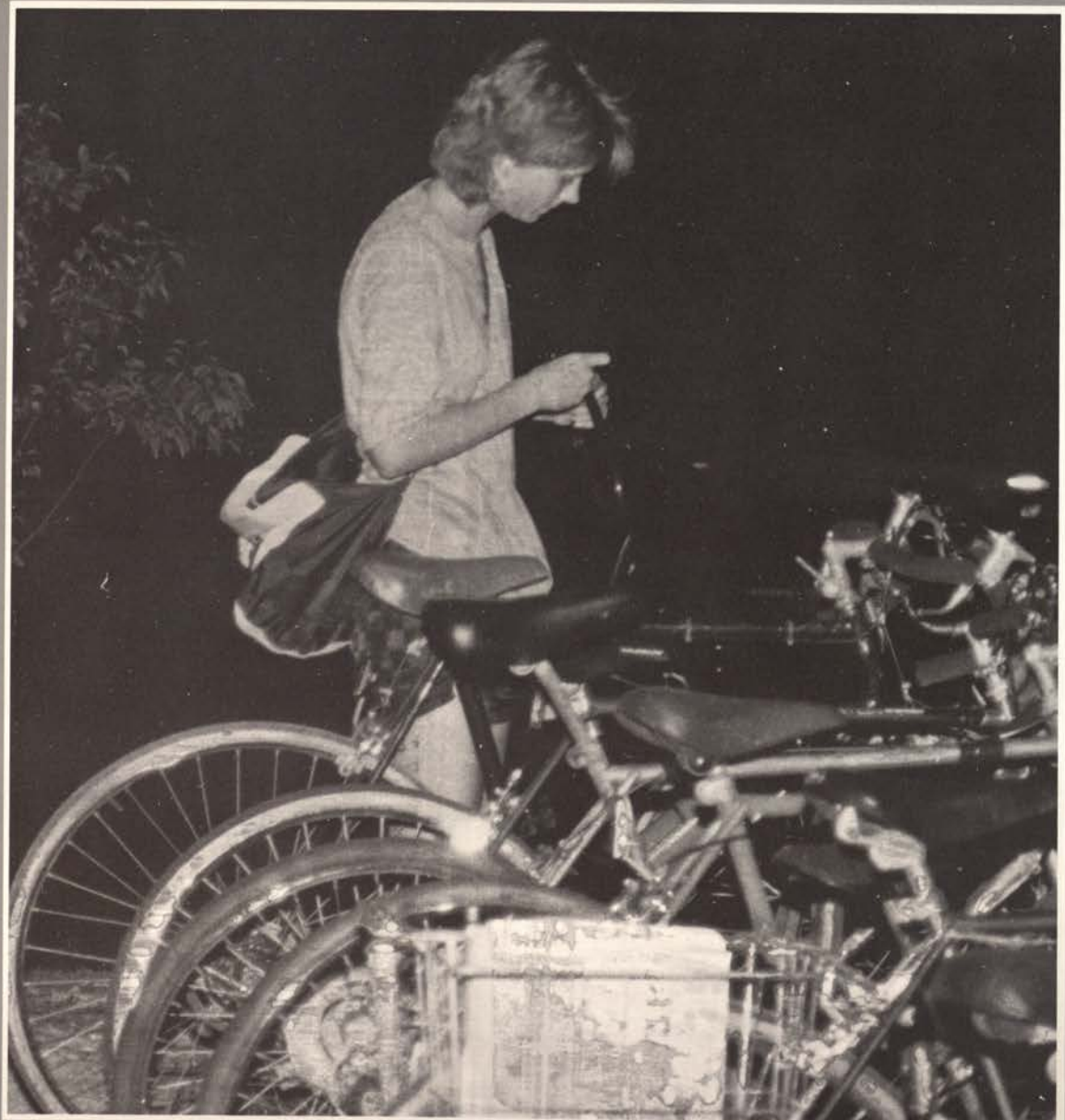


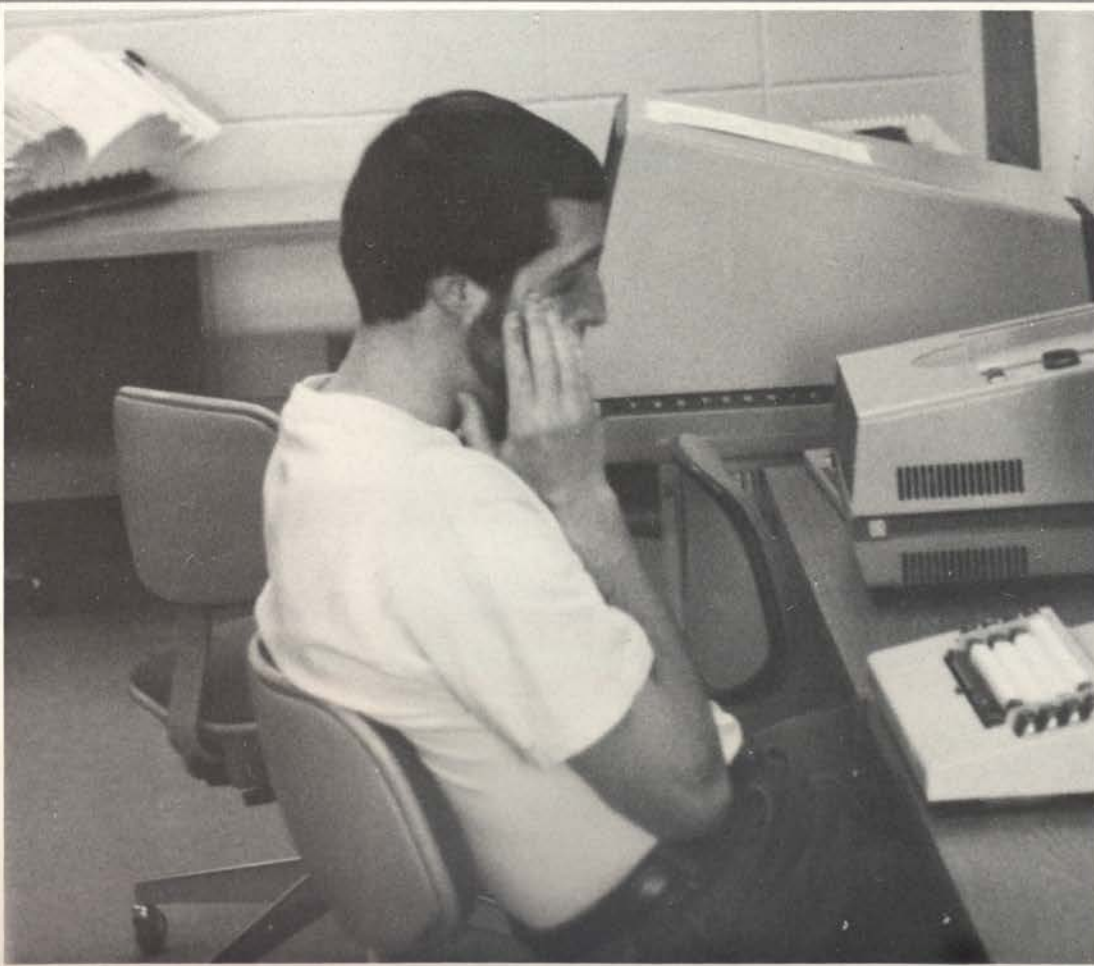
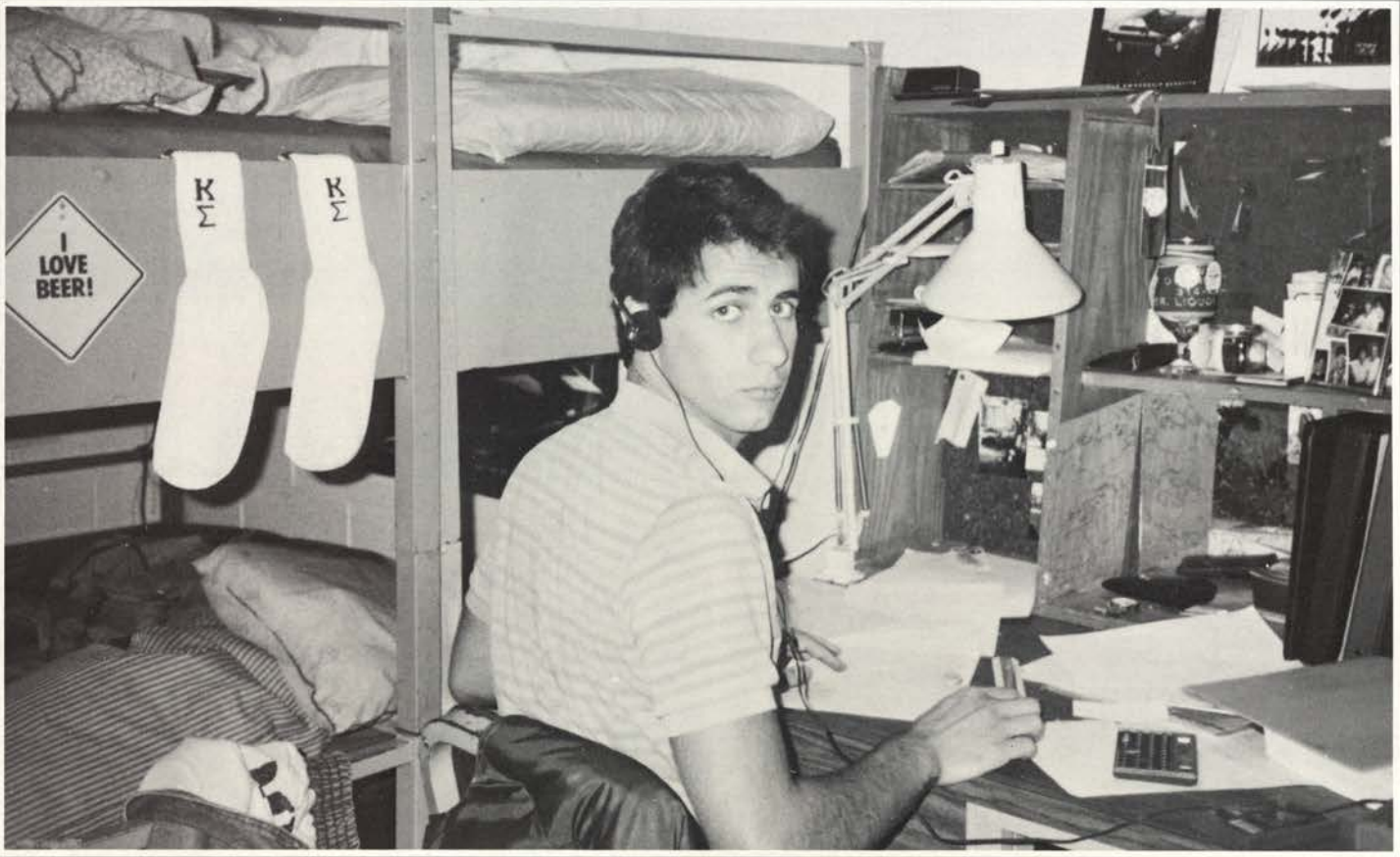
Brothers of Sigma Tau Gamma meet at the Humanities Building's planter box between classes.

No matter which school it is at UMR, each department finds ways to challenge UMR's students beyond what many consider rational.

It's not uncommon to find many of UMR's students spending forty or more hours per week beyond time spent in the classroom as they struggle to do their best.

Shackling up her bicycle, a TJ co-ed comes home after a long night.





Long hours of studying are apparent in Brian DeLuca's face as he plunges into the four o'clock hour of the morning before his test.

Likewise, too many hours in front of a computer terminal can have a dozing effect upon the typical UMR student.



It's also no accident that the University has earned the reputation for excellence it has. Last year, UMR awarded 877 diplomas in engineering, ranking it ninth in the nation in number of engineering degrees granted.

Nina Lahiri and Sue Anyan flank graduating Tracey Clavenna before the commencement ceremonies.

Students make the long walk from TJ during winter.



And after the four year plan that becomes a five year plan, after all the tests, and after all the St. Pat's, not a single graduate can say without pride, "I survived the Black Hole."



Seniors raise their hands in celebration of the last St. Pat's of their student career at UMR.

Controversy Flares Between Campuses

UMSL Engineering Proposal Spurs Debate

The sharp debate surrounding a proposal to add an undergraduate engineering program to the University of Missouri-St. Louis' curricula split the University of Missouri's top administrators into two camps.

The first camp was led by UMSL's Chancellor Marguerite Barnett and several St. Louis area legislators who argued that the large number of firms in the St. Louis area required that an undergraduate engineering program be established at UMSL to meet the demand for engineering graduates.

On the other side of the issue, was Chancellor Martin Jischke and a number of curators, who feared that this proposition would keep St. Louis students from enrolling at UMR.

It was into this fray that University President C. Peter Magrath stepped into with a compromise. Magrath rec-

ommended that an undergraduate program in engineering be established at UMSL, but for non-traditional students — those who work full-time and attend school part-time. In addition, the last two years of undergraduate programs in electrical and mechanical engineering would be taught by UMR professors via satellite links with the UMSL campus.

Jischke said Magrath's recommendation would provide an expanded role for the Rolla campus, and shouldn't hurt UMR's enrollment so long as it caters to non-traditional students.

The University of Missouri Board of Curators approved Magrath's proposition during its regular meeting, which was held at the Rolla campus.

Source: ST. LOUIS POST DISPATCH

The proposal to bring on undergraduate engineering was the subject of much discussion. In February, Chancellor Jischke held a talk with university administration officials. University president, C. Peter Magrath played a key role in settling the issue.



Courtesy Rolla Daily News



J. McHaney

FTX:

Field Training Exercise

Lydia Zimmerman checks over her shoulder to find the position of another cadet in her squad.

Crawling through the underbrush on the way to taking a new position is just one of the many rigors cadets of UMR's Stonehenge Battalion must face during the field training exercise.

Photos by J. McHaney

Six times during the school year, Army ROTC cadets of UMR's Stonehenge Battalion travel to Fort Leonard Wood to participate in the Army's Field Training Exercise.

Designed to provide ROTC cadets with experience in field tactics, FTX is a sharp break from the military studies and parade drills which take place on the UMR campus.

Cadets divide into units with specific instructions. The cadets then enter the field, and proceed to go about their mission objective of capturing enemy positions. Along the way, the cadets encounter a variety of obstacles, including snipers, rugged terrain, and even their own mistakes, which provide the best lessons from the exercise.





Cadets discuss strategy before proceeding to their objective.

Standard bearer Tom Nields stands alert on the parade ground before the exercise.

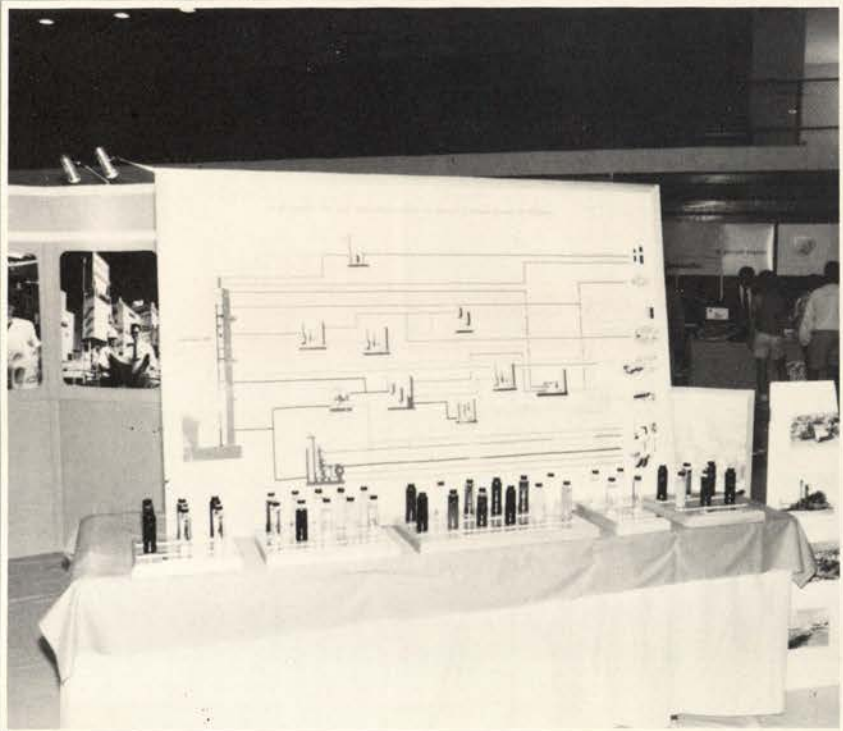
Keeping low, is essential on approaching a snipers position.

Students participate in Days of Industry and Parents

The Twenty-first Annual Industry Day drew representatives from over 60 industries, professional and governmental agencies, including Shell Oil, the Missouri Highway Department and Delco Electronics. Job-hunting seniors and freshman on assignment from the Freshman Engineering class participated in the day-long exhibition.



Photos by S. Sorell





Photos by A. Bartels

Parents Day has long been a tradition at UMR. In addition to spending time with family, both students and parents can attend a concert given by the Jazz Band for the event.



S. Sorrell



Miners Receive a Taste of The Big Time

On October 22, the UMR Football team took on the Southeast Missouri State Indians in what proved to be a kind of homecoming for more than a few Miners. Twenty-three UMR players went home to St. Louis for the game, which was played in Busch Stadium.

In the game, the Miners suffered a 38-6 loss at the hands of the Indians. "I don't mind playing here at all," observed Coach Charlie Finley. "I just hate to get thumped like that." Nevertheless, some UMR players had their moments. Ron Reimer caught four passes for 51 yards, Greg Sullen-trap received five passes for 38 yards, and Mark Paris rushed for 50 yards on 11 carries.

Roughly 5216 of Busch Stadium's 50,000 seats were filled, providing the Miners with a chance to play in front of family and friends, and to taste the big time for one afternoon.

Photos by J. McHaney



The Miner offense discussing a play on the bench.

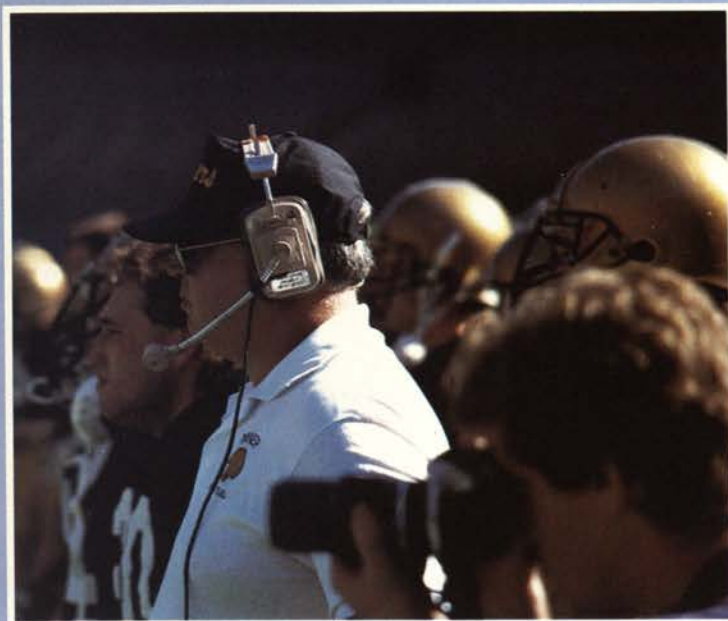
A Miner defensiveman tackles Indian ball carrier, holding the Indians just short of a first down.





Quarterback Tom Minnick looks and throws for receiver Greg Suellentrap.

Ron Harmon takes the hand off from Tom Minnick and looks for an opening in the Indian defensive line.



Coach Charlie Finley watches the action on the field.

Members of Sigma Pi Fraternity turned out in force to show support for the Miners.



The Empty Stands



It's an issue which very few UMR students ever really come in contact with and that's part of the problem. Low attendance at UMR's sporting events was again evident this year. On some occasions, the fans of opposing teams who traveled to Rolla outnumbered UMR fans.

This poor showing at home games can perhaps be directly attributed to the typical UMR student's demanding class load.

Never-the-less, some groups go out of their way to show support for the Miner teams. In recognition of this support, the M-Club gives the Twelfth Man Award for football, and the Sixth Man Award for basketball to the group which most enthusiastically supports these teams.



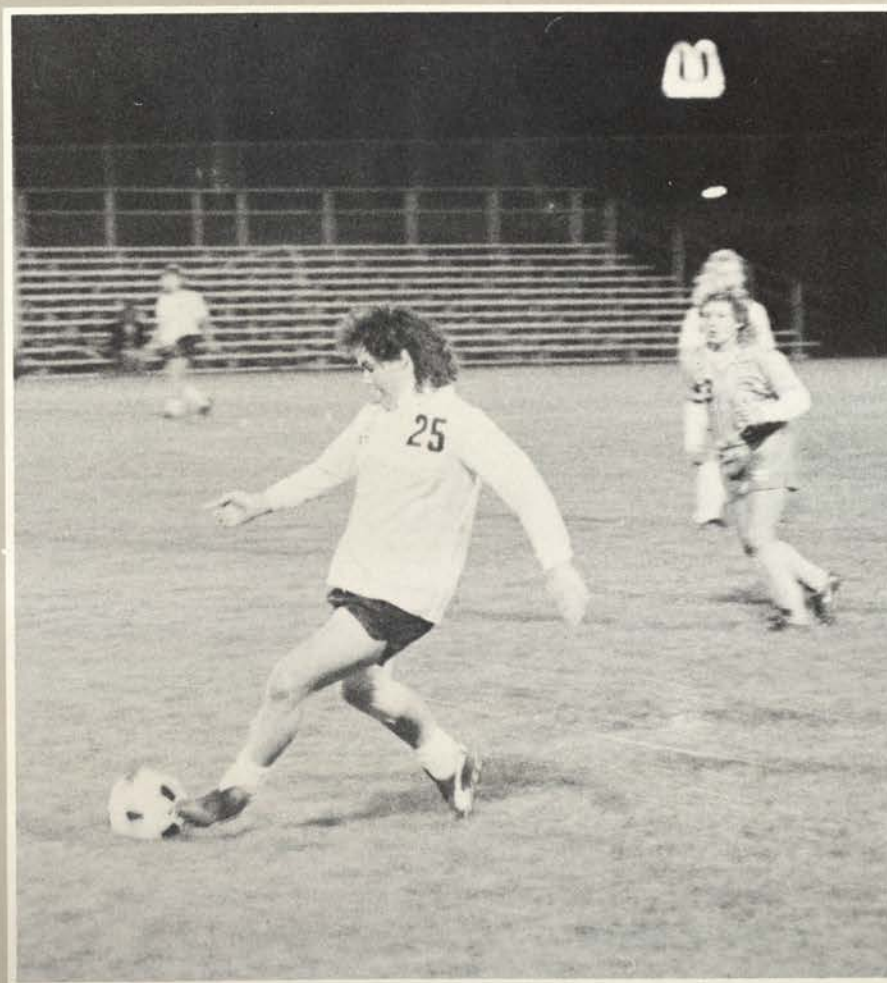


J. McHaney

Whether its football, basketball or soccer, UMR sports have low attendance for nearly all their games. Exceptions are Homecomings and other special games.



T. Davis



J. McHaney

The Medieval Magic Of Madrigals

The Madrigal Dinners, a part of the Sequicentennial Campus Performing Arts Series, took place December 1, 2, 3. The Dinners featured "An Elizabethan Yuletide Feast."

UMR had its first Madrigal dinner in December of 1974. Since that time an effort has been made to reproduce as accurately as possible various historical settings. In addition to an appropriate stage set and costumes, each performance has drawn its musical repertoire from an exclusive locale and time period. In doing so, historical instruments were procured and a small group of instrumentalists were added to the program.

Since 1979, this group has been referred to as the UMR Collegium Musicum. In 1982, the Collegium incorporated the "Madrigal Singers" into its structure, further polishing a magical, enjoyable experience.



The Madrigal jesters attempt to knock a carrot from the mouth of a volunteer from the audience.

The Court Fool warms up the dinner crowd with a juggling show.

The Madrigals Dinners always draw a large turnout.

The dinners are livened by a fencing demonstration.





Minstrels of the Collegium Musicum entertain the diners with a 16th century tune.
The roast head of a pig makes the centerpiece of the Elizabethan Feast.



The Madrigal Singers break into song between courses.

The Madrigal Dinners provide the perfect opportunity to dust off the old harpsichord and put it into service.



Another Cedar Street EXTRAVAGANZA

UMR Theatre Group Brings Broadway To Rolla

The University of Missouri-Rolla's Cedar Street Center, located at 7th and Cedar Streets, has been bustling with activity this year. The University Theater put on two plays this year, while the Arkansas Repertory Theatre put on one play and the Second City Touring Company held a comedy night.

"The Night of January 16," a play written by Ayn Rand, ran November 17th to 19th. This drama was directed by Margie Boston, UMR associate professor of drama and music, and the cast was comprised of seventeen UMR drama students.

The play was about the suicide death of a wealthy, powerful investor and an all around financial emperor. After the investor's death, his empire collapsed and his mistress/business partner was put on trial for his death. This play was made rather unique in that eight people from the audience were chosen to be jury members.

The Second City Touring Company put on their night of comedy December 2nd and the turnout was tremen-

dous. The groups repertoire included songs and skits about humorous everyday situations. The group also included social snapshots with one-liners. The audience was asked to participate in some of the skits and indeed the ideas flowed.

Greater Tuna, put on by the Arkansas Repertory Theatre, was put on March 3rd and was a part of the University of Missouri-Rolla's Sesquicentennial Campus Performing Arts Series. The play was written by Jaston Williams, Joe Sears and Ed Howard.

The two-man comedy was about the small town of Tuna, Texas. The two-man team of Terry Sneed and J. C. Mullins, together portrayed 20 different residents of Tuna. They introduced and portrayed the residents on their morning radio news show at station OLLL "serving the Greater Tuna area at 275 watts". The "newscast" took the audience through a day in the life of Tuna, including portrayals of the local residents, a strong diet of country western music and, of course, the latest local news.

The Revenge of the Space Pandas, or Binky Rudich and the Two-Speed Clock, a play written by David Mamet, ran April 21-22 and 28-29. This was a one-act play with eight scenes. As Margie Boston, director, described the play, "[it was] an insane comedy comedy which will appeal to the 12-year-old inside all of us."

The play followed Binky Rudich, his friend Viv, and Bob, his almost-human sheep, who tinkered with a two-speed clock and got spun off the edge of the Earth. The three-some ended up in Crestview, the Fourth World in the Goolagong System. Crestview was ruled by the Great Space Pandas and a very spoiled supreme ruler.

The excitement began and built to a climax as the Supreme Ruler commanded that Bob be brought to him, never to leave Goolagong again.

The University Theatre did an excellent job with their two productions and looks forward to many more in the future.

Witness John Miller is sworn in before testifying in "The Night of January 16."





The skill of the performers comes out during the courtroom drama. Above, a defense witness cowers from the prosecution, while to the left, a state's witness explodes at the defense attorney.

Photos by J. King



A lot of hard work goes into making each production of the UMR Theatre Group. Above, Bob Gaschen applies makeup for his role in "Binky Rudich." Right, a stagehand works to build the set of the Fall play, "The Night of January 16."





The cast of "The Night of January 16" takes a bow.

An action scene from "The Revenge of the Space Pandas" or "Binky Rudich and the Two-Speed Clock."



The St. Louis Symphony Plays UMR

Renown Orchestra Fills Multi-Purpose Building

Courtesy of MISSOURI MINER

The St. Louis Symphony Orchestra performed at the University of Missouri-Rolla on February 17, 1989. This concert was a part of UMR's Campus Performing Arts Series.

The symphony's various musical selections included classical, chamber and pops. A few of the selections included "Leonore Overture No. 3" by Beethoven, "Symphony No. 2, Romantic" by Hanson, and "Pictures at an Exhibition" by Mussorgsky and Ravel.

The symphony, which consists of 101 musicians, is the second oldest

American symphony orchestra. It celebrated its 110th anniversary this year. The orchestra has received numerous awards for outstanding performances over the years.

Kirk Muspratt, who serves as affiliate artist assistant conductor of the symphony, conducted the orchestra's performance. Muspratt is beginning his second year with the symphony and serves as music director of the St. Louis Symphony Youth Orchestra.

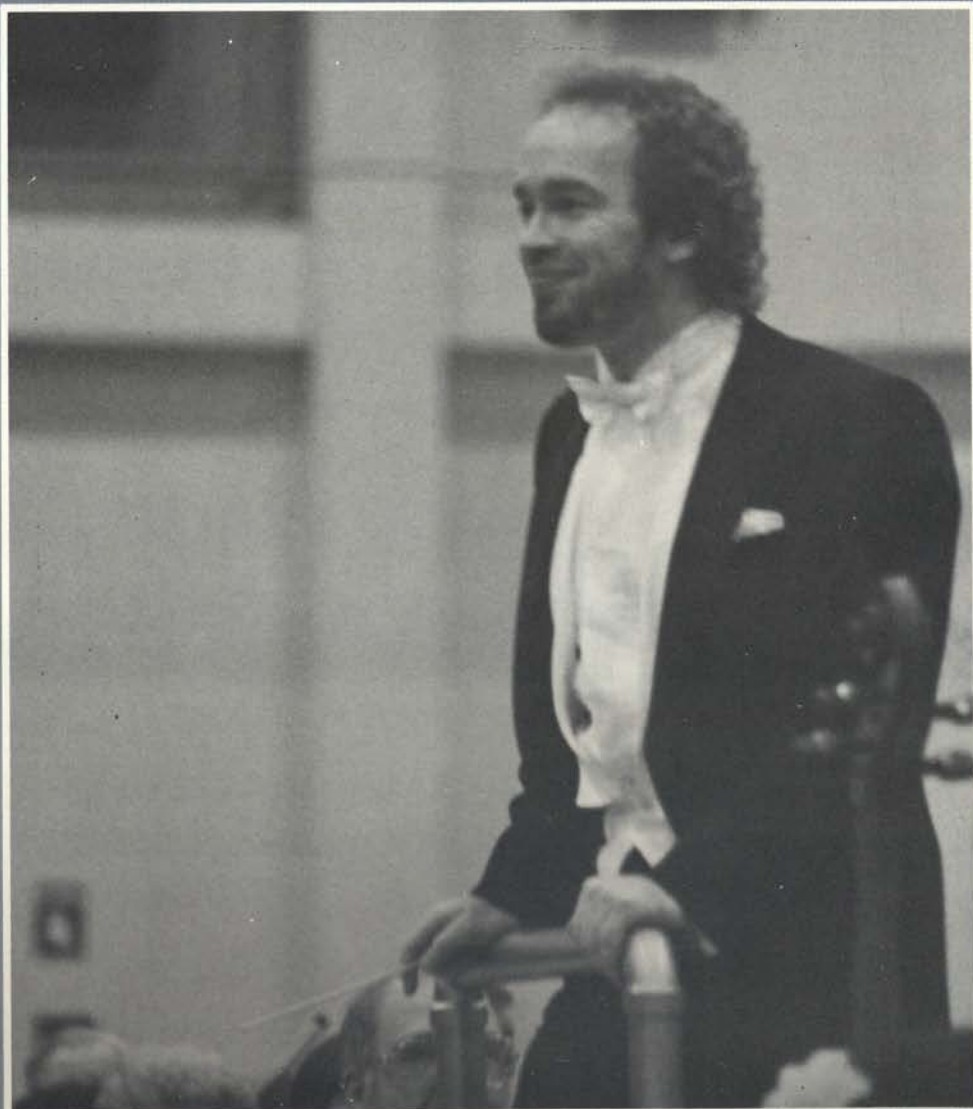
A bass cellist tunes his instrument in the rehearsal before the evening's concert.





The 101 members of the St. Louis Symphony Orchestra gather in their seats before the concert.

Assistant Conductor Kirk Muspratt prepares to lead the symphony into its first selection.



Performers

Keep Up The Beat In Rolla

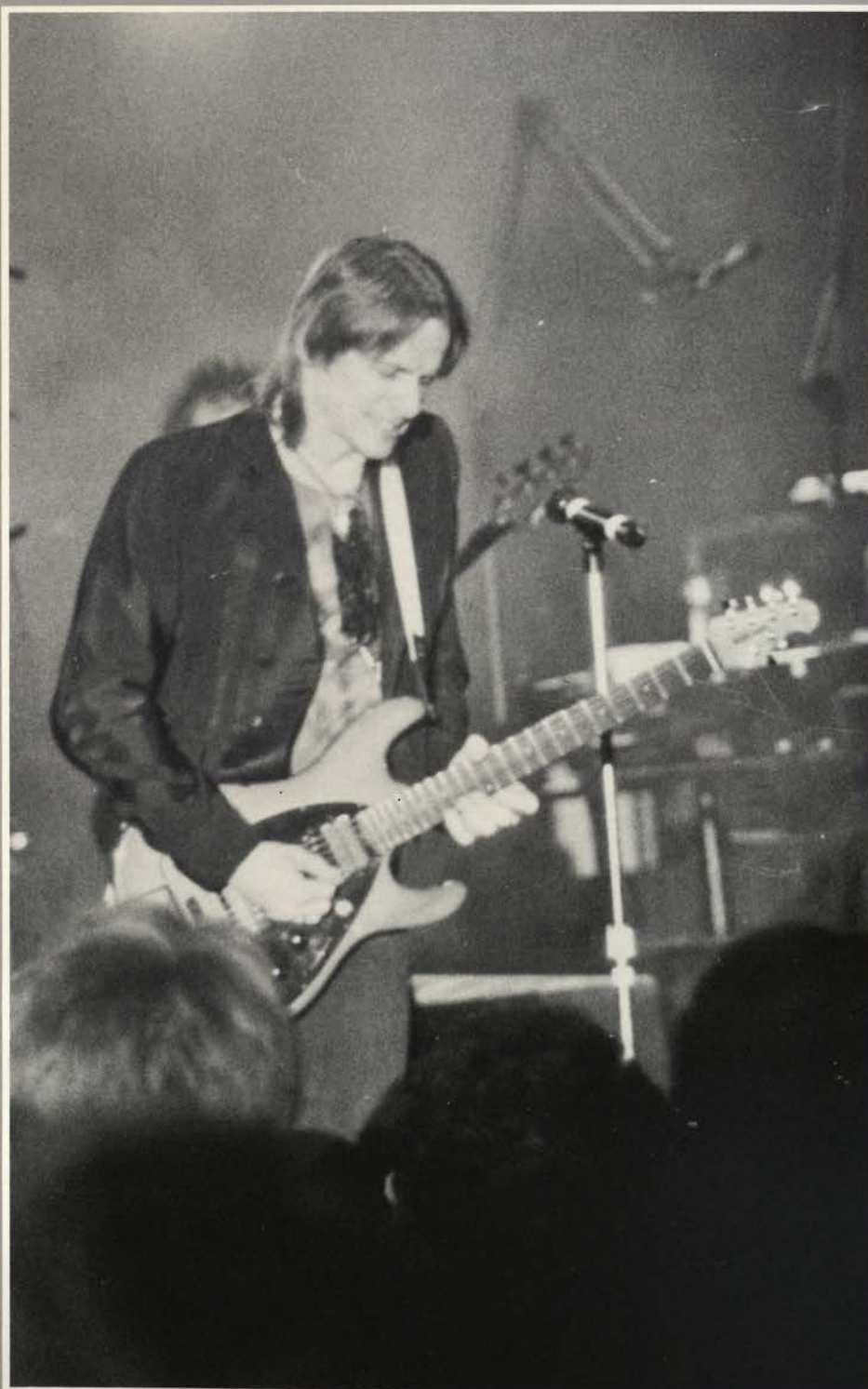
Rock and roll, jazz and fusion, and a touch of the classical marked the rest of UMR's performances.

Originally scheduled to play in Rolla in November, Kansas was forced to cancel when lead singer Steve Walsh became ill. Instead, Kansas steamed into Rolla in January with Night Ranger and gave one of the best concerts in Rolla in recent years.

Jazz musicians Elaine Elias and Randy Brecker played to a full house of jazz/fusion lovers at the Cedar Street Center in February. Elias and Brecker both received praise for their improvisations as well as their set pieces.

Classical music was also represented in the year's repertoire as the Student Union Board and the UMR Orchestra sponsored and held performances, respectively.

Kansas' lead guitarists Steve Morse and Richard Williams electrified the crowd gathered in the Multi-Purpose Building during the Kansas/Night Ranger concert on January 19.



Photos by B. Braswell



J. McHaney

The UMR Symphony and Choir performed a number of classical works at the 1988 Fall Commencement.

Elaine Elias and Randy Brecker improvise a jazz selection during their performance. Both received praise for their talent.



Courtesy of MISSOURI MINER

Fame and Notoriety

Celebrities Speak At UMR

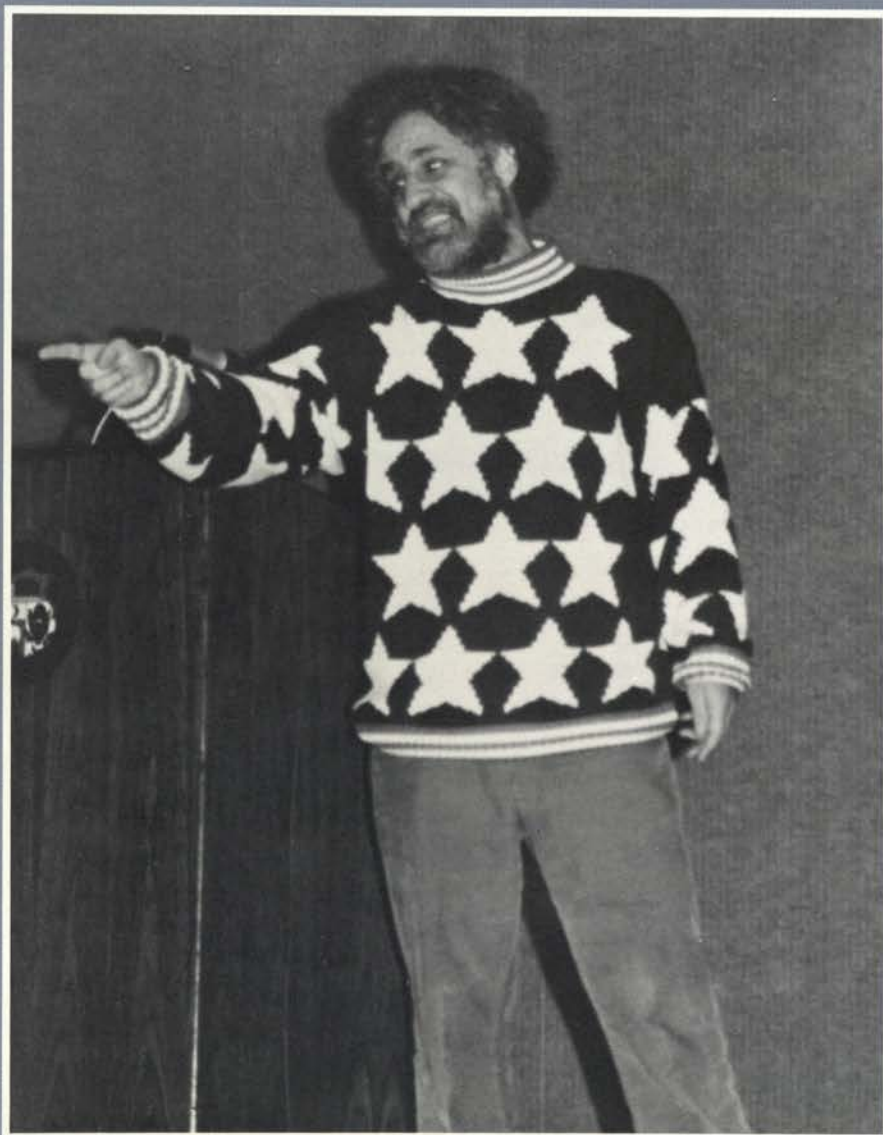
Tip O'Neill emphasizes points in his recollections of his fifty years of public service. O'Neill served as Speaker of the House of Representatives from 1977 to 1987.

Abbie Hoffman, dressed in a trademark red, white and blue sweater, comes out from behind the podium to answer a question. For another look at Hoffman, turn to the pages featuring the Student Union Board.



Each year, the Remmers' Artist/Lecture Series tries to bring an important public official to campus to speak. 1988 was no different, in that former Speaker of the House Tip O'Neill journeyed from Boston to Rolla to entertain the audience with recollections of his half-century of public service. O'Neill has been called the second most powerful politician in America.

Not to be outdone, the Student Union Board brought the noted leftist Yippie activist Abbie Hoffman to UMR. Hoffman provided insights into his two decades of activism in radical causes. Hoffman, who had suffered from extreme depression, died of a drug overdose some two and a half months after speaking at UMR.



Groundbreaking

UMR Begins New Phase Of Expansion

Great progress was made in the University's drive to improve and expand the facilities on campus.

This drive took on physical meaning with the razing of Trace Place, the long standing temporary building next to the library, and the old Sigma Nu brick house, which was cleared to make way for a new Auditorium - Music - Alumni Building.

Trace Place, which once held a student snack bay was replaced with a sloping lawn to a man-made creek.

Groundbreaking ceremonies for the new Arts/Alumni Building were held over Homecoming Weekend. Alumni contributors and administration officials took part in turning over the first clumps of dirt for the structure, which is expected to be completed sometime in 1990.

Not all changes on campus were led by university officials. One such change was the renovation of the University Bookstore. Management and operation of the bookstore was handed from UMR to Barnes & Noble, who ran the old Campus Bookstore. The new changes have greatly improved the appearance and atmosphere of the bookstore.

Other renovations have been made by student organizations. Phi Kappa Theta, Lambda Chi Alpha, and Delta Sigma Phi Fraternities each replaced their roofs and made other structural changes in their houses. Sigma Nu and Triangle Fraternity each moved into their newly built and rebuilt houses, rounding out this year's phase of campus construction.

Symbolic shovels for ground breaking ceremonies are passed out by Chancellor Jischke to the major contributors to the fund for the school's new Auditorium-Music-Alumni Building. Administration officials also participated in the physical work of groundbreaking exercises.



Photos by J. Agutter



Quiet Influence

Floyd Harris, Director of the Minority Engineering Program, is improving UMR's recruitment of minority students without fanfare

If you were to ask the typical UMR student who Floyd Harris is, or what he does, odds are that they would be unable to tell you. However, if you were to ask the same question to one of the university's minority students, they would tell you that Floyd Harris is one of the major reasons for their success here at UMR.

Charged with the direction, leadership and coordination of the Minority Engineering Program, Harris is largely responsible for the development and management of programs which enhance the special provisions to realize their potential. Harris has received awards from many organizations in recognition of his service in this area.

Harris' involvement with the MEP began while he was a student here at UMR in the '70s. Majoring in psychology, Harris was part of the planning committee established by the school's administration to develop a program to both attract and retain minority students.

After receiving his bachelor's in May, 1974, Harris went to work full-time at the MEP as a counselor. After one year, he was chosen to coordinate the MEP's activities, and did so until 1978 when he assumed his current position as director. While a coordinator,

Harris continued his education at the Drury College/Extension at Fort Leonard Wood and received a Master's Degree of Business Administration in December, 1976. Harris later taught a course in Business Organization and Structure at the Leonard Wood extension.

As director, Harris is directly responsible for the MEP's main activities. These include a scholarship program, a seven-week summer program for freshmen, organized activities, and bringing in minority speakers from industry, government and other sources.

"The purpose of these programs is to act as a bridge from high school to college," Harris stated. "We have the scholarships to encourage and motivate minority students. In the summer program, trig, chemistry, and sometimes calculus . . . During Black History Month, the 1988 Black Engineer of the Year, Erroll Davis spoke at the Heritage Banquet. Role models, like Davis, are important."

This year Harris had direct input in selecting role models for future minority engineering students. In recognition of his fifteen years of involvement in UMR's Minority Engineering Program, Harris was selected to be part of the panel assembled to choose the

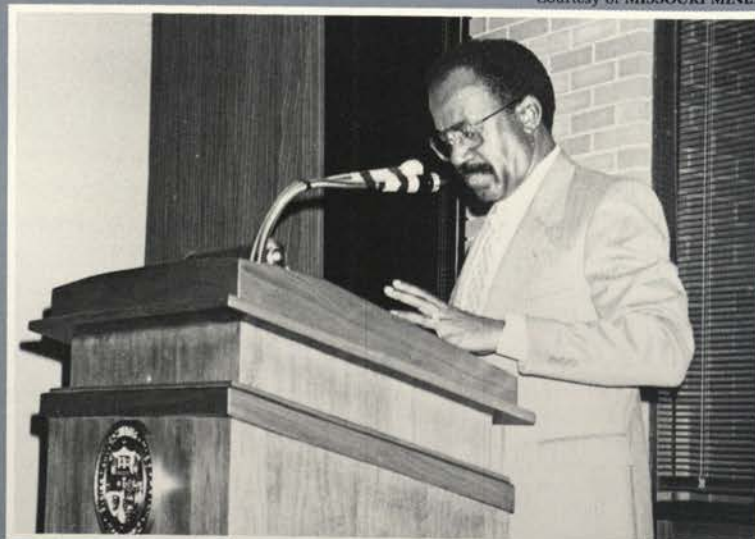
1989 Black Engineer of the Year.

"What was surprising to me," Harris noted, "is that there were people who had worked in industry for 20-25 years and had not been recognized for their achievements." Harris' role in the selection process was to evaluate the uniqueness, innovation, design, and social and/or economic value of the technical achievements of the nominees.

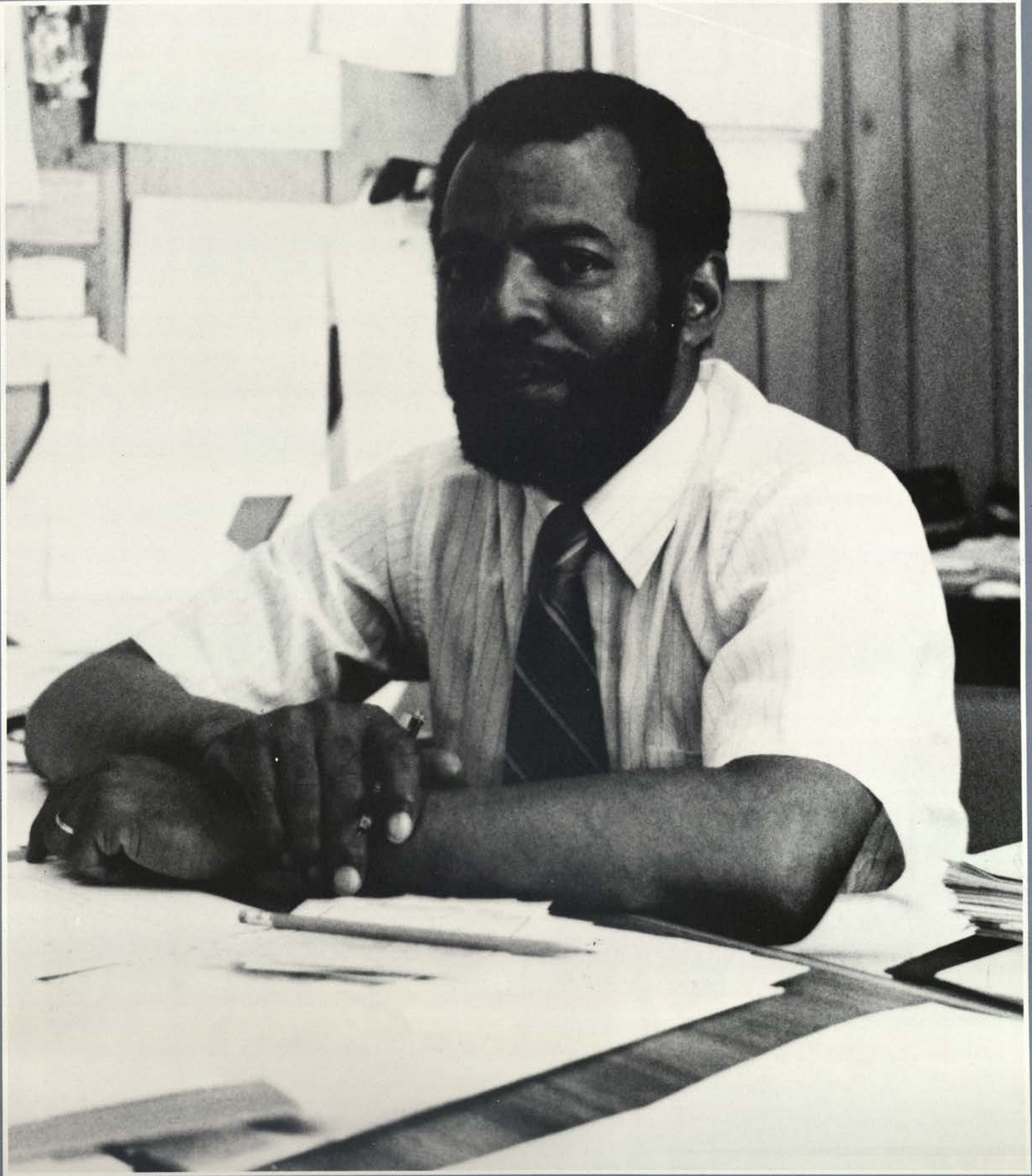
Harris is currently involved in developing new and expanded approaches to the MEP's existing recruitment and retention programs. Among these approaches, is a new two-week summer institute for high school sophomores and juniors, and a St. Louis based program for developing the interest of minorities in engineering and science throughout all grade levels. Chancellor Jischke has also asked the MEP to help recruit students for graduate school, to bring more qualified math and science teachers to campus, and to improve the university's overall student retention rate.

The Minority Engineering Program celebrated its fifteenth anniversary this year, the quiet success story of Floyd Harris' drive and commitment.

"Role models are important:" successful engineer John Seward speaks to a gathering of minority students during Black History Month.



Courtesy of MISSOURI MINER



Courtesy of OPI

A Year Of Achievement For UMR Faculty

The information for the articles on this page was obtained from the Office of News and Publications.

UM Professors Get Patent

The United States Patent Office recently issued a patent for glass microspheres developed by a pair of University of Missouri System researchers.

Dr. Delbert Day, University of Missouri-Rolla Curators' professor of ceramic engineering, and Dr. Gary Ehrhardt, senior research scientist at the University of Missouri System research reactor, developed a method of

containing radiation in glass microspheres which are used in the treatment of liver cancer. This method is currently undergoing clinical tests in the United States and Canada.

The microspheres are 15-35 microns in diameter — about half the thickness of a human hair. The beads are manufactured in Rolla and made radioactive at the reactor in Columbia.

Outstanding Teachers Named

UMR Chancellor Martin C. Jischke congratulated UMR's "Outstanding Teachers" for the 1987-1988 academic year. The professors were, Romesh C. Batra, Jack B. Ridley, Troy L. Hicks, Larry R. Edwards, Larry Gragg, John

Best, David Oglesby, Ron Kohser, James Stoffer, Oliver Sitton, Lawrence Christensen, Walt Eversman, William Andrews, Suzanne Chamier, Elizabeth Cummins, Leonard Koederitz, Bob Wolf, John B. Kincaid, Tim Gray, Don

Askeland, Sam Geonetta, Roger A. Hildebrandt, Frances Haemmerlie, Bruce Poling, and William H. Tranter.

The "Outstanding Teachers" were honored in November based on student evaluations.





535 Wins Guides Billy Key To Hall Of Fame

Billy Key, athletic director and former men's head basketball coach at the University of Missouri-Rolla was among a select group of individuals to be honored at the Missouri Basketball Hall-of-Fame's first induction ceremony.

The enshrinement ceremony was held July 30 in Columbia's Holiday Inn Executive Center, with a special noon luncheon hosted by Governor John Ashcroft. CBS Commentator Billy Packer emceed the event, held in con-

junction with the Show-Me-State Games.

Key, who won 535 career games during his prep and college coaching tenure, will join 11 other coaches who won at least 500 games. He is the only coach in the group to have been a college head coach.

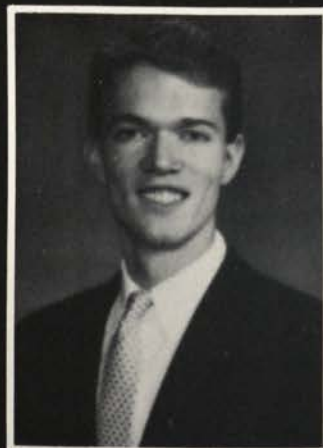
"Attaining an honor like this is always a thrill, but being inducted in the initial group is indeed a special feeling," said Key. "Most of the men on the coaching list are personal acquaintances, so it should be a fun day."

tances, so it should be a fun day."

Key started his coaching career in 1949 at Wellsville High School, followed with stops at Monroe City High School, Harris Teacher's College and Micholls State University before taking over the UMR basketball program. He is a past-president of the National Association of Basketball Coaches and was a member of the National Basketball Hall-of-Fame Board of Directors. He retired from coaching following the 1986-87 season.

In Memoriam . . .

Greek Week was dedicated to Tom Deiters who died March 18, in an automobile accident after the St. Pat's Parade. Deiters was an active member of Tau Kappa Epsilon. A sophomore in electrical engineering, Deiters was on the honor roll, a member of Phi Eta Sigma, an officer in his fraternity, and chairman of the Special Projects committee of the IFC.







M. Schmid

LIVING UNITS

John Mitchell and Greg Neuner go out onto the roof of the Phi Kappa Theta Annex to catch some rays.



G. Halley



The Pike House was the location of the party following the IFC's 1988 Fall Clean-Up.

The South Tower of TJ as seen from Pine Street, the home of many students who live off-campus.

LIVING UNITS

Fraternities	52
Sororities	73
Greek Week	79
Residence Halls	92

ACACIA

SUCCESSFUL YEARS AND HIGH GRADES

The 30th year of the MSM chapter of Acacia has been a good one. They celebrated this occasion with an alumni dinner, and they had a very good showing. They then proceeded with wrestle-mania twenty-seven which will be a tradition for many years to come. They also took first overall in academics with the highest GPA on campus. Acacia took 3rd in volleyball and 4th in basketball in intramurals. They expect many more great years to come.



Photo by Bill Booth

Front Left: M. Turk, K. Hicks, W. Theissan, P. McCroskey. **Back Left:** D. Grandel, T. Beard, S. Atterberry, R. Rohlfing, S. Hunt.



Courtesy of Acacia



Courtesy of Acacia

Above: While remodeling their basement, Acacia added a new kitchen, dining room, and a pantry. **Bottom Picture:** A glimpse of Acacia's intramural spirit.



Courtesy of Acacia

Acacia has been doing extensive remodeling on their house. A new wood deck off the front is a sample of their exterior work.

ALPHA EPSILON PI

BEST DELEGATION



Photo by Mike Schmid

First Row: Joe Frericks, Doug Haney, Eric Parsons, Brad Lorben, Chris Francis, Brian Flapohler, Tim Gode, Tim Dickey, Andy Mueller, Edward Rodriguez, Tim Morrow, Andy Thompson. **In Back:** Carl Creamer, Jeff Eftink, Dave Stein, Allen Herigon, Rich Guieb, Jim Baldwin, Jim Saunders, Jason Otte, Howie Wilkins, Ray Steinmentz, Josh Prince. **Not Pictured:** Russel Banta, John Boyd, Colin Daughtery, Ted Ferkenhoff, Clinton Gross, Mark Kelley, Kirk Parish, Tim Pimmel, Scott Quackenbush, Dave Trower, Fred Wilson, Jeff Wood, Scott Yeager.

The brothers of Nu Deuteron Chapter of Alpha Epsilon Pi Fraternity have had an extremely entertaining and successful year. AEPi built momentum with a strong showing in UMR's 1988 Homecoming. After clinching the second place trophy in the Homecoming Competition, the chapter held an alumni banquet in which three of the original founding fathers attended. AEPi finished the semester ranking 3rd overall on campus for grades. In February, AEPi sent eight delegates to Norman, Oklahoma for the fraternity's regional conclave and returned from the meeting with the award for Best Delegation. AEPi took first place at the games winning 4 of the 9 first place trophies and also won third place in the float competition. These accomplishments led to an overall third place finish - the best in AEPi history.



Courtesy of AEPi

First Row: Julia Pollock, Tammy Gross, Kara Kopplin, Beth Dare, Kathy Clapper. **Second Row:** Becky Lema, Beth Piper, Debbie Hunke, Barbara Bird. **Not Pictured:** Dianna Lonner, Lynn Davis, Wendy Francis, Penny Phagley, Leigh Reisinger, Michele Spenser.



Courtesy of AEPi

AEPi's and their little sisters lean on each other during St. Pat's.



Courtesy of AEPi

Another weekday party in room 14 (AKA "the LOUNGE.")

ALPHA PHI ALPHA

SCHOLARSHIP OPPORTUNITIES

Graduation out at the Multipurpose/football fields was a place of anxiety and excitement.



Courtesy of APhiA

Members of Alpha Phi Alpha fraternity have presented UMR with a check for \$10,000 for UMR's Martin Luther King, Jr Memorial Endowed Scholarship Fund.

The presentation was made January 8, at the sixth annual Dr. Martin Luther King, Jr. Tribute at the Breckenridge Concourse Hotel in St. Louis.

This was the second year that members of the fraternity have provided a \$10,000 gift to the fund. Alpha Phi Alpha has been a great asset to the UMR campus, and they are commended for their concern for the needs of today's UMR students and for higher education.

Spending time with the brothers.



Courtesy of APhiA



Courtesy of APhiA

Picnics at Schuman Park are a common sight for friends and family.



Courtesy of APhiA

BETA SIGMA PSI

CONTINUING A TRADITION OF EXCELLENCE

Throughout the past year, Beta Sigma Psi, the National Lutheran Fraternity, maintained its spirit of excellence. Further remodeling plans including outside improvements have been made. Beta Sig continues to party with the sororities at their Belly Up and Night Caps. In athletics, Beta Sig ranked fourth in football and placed fifth overall. They earned fourth in St. Pat's, and in Greek Week the men made a strong showing in all of the games. Beta Sig, once again, hosted the opening ceremonies and games of Greek Week 1989. In the future, the chapter hopes to expand its membership through a strong, organized rush program so that Beta Sig can further its tradition of excellence.



Photo by Tim Davis

First Row: Mike Baranovic, Kevin Bartz, Chris Pfueffer, Tim Johnson, Steve Koehr, Scott Costello, Brad Biggers, Mike Ochonicky, Mike Roth, Dan Schmidt, Bob Norris. **Second Row:** Kendall Link, Kevin Braun, Dan Hack, Steve Rassbach, Matt Etchemendy, Eric Wilkins, Bill Braasch, Jim Boyancheck, John Spenser, Mark Bruss, Tim Kettler, Neil Vander-mulen. **Third Row:** Ray Englehardt, Jeff Forehand, Mike Grasch, Tim Spyers, Jim Panagos, Jim Westhoff, Ron Fehrman, Neal Dettwiler, Greg Nichelson. **Fourth Row:** Paul Hasselbring, Paul Eggers, Mark Burnside, Jim West-erhaus, Ken Anderson, Aaron Dailey, Randy Brietenfelon. **Fifth Row:** Dave Schick, Mike Weidner, Matt Bremmer-kamp.



Photo by Jacqie King

Above: The spaghetti dinner at Beta Sig has become an annual event. **Above Right:** The Beta Sigma Psi house at #2 Fraternity Drive. **Below Right:** The basement always provides a good party atmosphere.



Courtesy of Beta Sigma Psi



Courtesy of Beta Sigma Psi



Photo by Susan K. Anyan

Scott "God" Costello, Beta Sigs senior IFC rep, in his Hades outfit.

DELTA SIGMA PHI

CHANGES AND IMPROVEMENTS



Courtesy of Delta Sigma Phi

Above: Studying for EE 281 the night before the exam. **Below Left:** The Greek Week Carnival Booth featuring: Mark Hill, Don Tone, Marty Mastrioni, Larry Frans, Mark Whaley, Tony Thornburgh, Dave Christensen, and Breck Washam. **Below Right:** The 2nd Place Soccer Team **First Row:** Kevin Kirchmer, Mark Hill, Bingo, Don Staten, Terry Orf, Bob Seals. **Second Row:** Joe Fischer, Tom Heiken, Tom Minnick, Dan Dolan, Marty Mastrioni, Brian Hooper, Rob Steinberger.



Courtesy of Delta Sigma Phi

The Delta Sigs relax on a Friday afternoon around the round house. From left to right: Brian Hooper, Will Chipley, Mark Hill, Jeff Toulouse, Tim McDermott, Dan Dailey, Mike Kopp, Don Tone, Breck Washam, Dave Christensen, Tony Thornburgh.



Courtesy of Delta Sigma Phi



Courtesy of Delta Sigma Phi

The Delta Epsilon chapter of Delta Sigma Phi saw some changes in the 1988-1989 year. Their houses have been remodeled; the round house now has a new roof, floor and electrical system, and the rectangle house received new carpeting and freshly painted walls.

Over thirty percent of the brothers are varsity letterman, and they make Delta Sig a very competitive force in intramural athletics. They earned second place in soccer and put up a strong fight in both football and basketball. They also held a lift-a-thon this winter and earned over \$400 for Delta Sig's national philanthropy, March of Dimes.

In addition to these activities, they had a busy social calendar, with a memorable exchange with a Springfield sorority, and a St. Pat's party that was unforgettable. The brothers of Delta Sigma Phi look forward to bigger and better events in the future.



Courtesy of Delta Sigma Phi

The pledges hold the sorority composites for ransom. **First Row:** Bob Seals, Chris Beach, Tom Minnick, Mike Dean, Todd Young. **Second Row:** Dan Dolan, Don Staten.



Photo by Tim Davis

First Row: Rob Steinberger, Tom Heiken, Cameron Hubbs, Will Chipley, Chris Beach. **Second Row:** Tony Thornburgh. **Third Row:** Bob Seals, Tom Minnick, Dan Herzberg, Mark Hill, Mark Wojtal, Scott Gillette, Brent Arthaud, Tom Brockman, Dave Christensen. **Fourth Row:** Todd Young, John Buttenob, Dan Dolan. **Fifth Row:** Jeff McIlmain, Jeff Toulouse, Steve Bryant, Kevin Underwood, Mike Dean, Mark Whaley, Ty Dinsdale, Don Tone. **Sixth Row:** Don Staten.

DELTA TAU DELTA

INTERNAL IMPROVEMENTS AND PUBLIC SERVICE

Delta Tau Delta again received a strong ten man pledge class. Their rush effort this year has been strong and success may lead to a new wing to their house. Internal improvements have already begun in the basement and more will follow upstairs over the summer.

They made their mark on the social scene in the fall with the reinstatement of their annual "Where the Hell is Delta Tau" party. Although it is hard to find, their bonfire/party enjoyed an all-Greek turnout!

Along with maintaining a standard of academic excellence, they also held true to their dedication to public service. Once again, they took first in the IFC cleanup, held their annual Christmas canned food drive, and helped out with this year's final blood drive.



Courtesy of Delta Tau Delta

First Row: Scot Searles, Charlie Pulay, Rob Brown, James McDaniel, Tom Sovar, Perry Mar, John Winkler, John Goethe, Dave Preis, Britt Braswell. **Row Two:** Doug Spiller, James Wheeler, Jim Hill, Andy Jones, Chris Bell, John Pulay, Tim Stelljes, Ken Johnson, John Hostler, Scott Edwards, Noel Gibler.



Courtesy of Delta Tau Delta

President Jim Pulay works hard to improve the downstairs despite a dust covered face.



Courtesy of Delta Tau Delta

Wishful thinking alumnus Bill Bridge and undergrads Ken Johnson, Chris Bell, Tim Williams, and Tim Stelljes stand in front of the Greek Week scoreboard.

KAPPA ALPHA

SCHOLARSHIP, BROTHERHOOD, AND CHARITY



Photo by Tim Davis

Kneeling (Left to Right): Brad Steinkamp, Chris Stammer, Phil Simpkins, Jason Carter, Steve Esry, Doug Krause, Allen Sehr, Doug Neirmeyer, Ron Salamie. **Front Row Standing:** Dan Faron, Alan Brent Dickherber, Kenny Sessa, Shane Engle, Chad Gerard, Fred Steinkuehler, John Hollenbeck, Kevin Ellebrecht, Mike Castro, Joe Conn, Chris Jungers. **Back Row:** Matt Licklider, Kevin Flatley, Jim Hanke, Scott Link, Craig Bailey, Ed Montgomery, Darren Hamilton, Chuck Misner, Matt Kovarik, Damon Allen, Joe Guccione, Todd Durbin, Barry Kindsfather.

Daughters of Lee First Row: Steve Esry. **Second Row:** Kathy Gunderson, Tracey Ball, Alice Netzer, Tina Casto, Ann Yocum. **Third Row:** Kelly Ann Richardson, A. Downs, Susan Kay Anyan, Deena Ballenger, Chrissy Pecora. **Fourth Row:** Sherry Staehle, Vicki Scamacca, J. Graham, Wendy Jutte.



Photo by Shane Engle

Kappa Alphas take time to spend with friends. Above: Making the best of a winter day. Right: Jane Dey and Todd Durbin at KA's Province Party. Far Right: John Hollenbeck takes a study break with his big sister Sue Anyan.



Photo by Dan Faron



Photo by Susan K. Anyan

The Beta Alpha chapter of the Kappa Alpha Order has enjoyed a prosperous year, starting with the acceptance of their seventh consecutive Ammen Award for chapter excellence. Since the fall semester started, they have been working to improve their already strong chapter. The active chapter finished first in grades out of all the fraternities, with the freshman finishing fourth overall.

KA has also been busy in charity work. This year, they sponsored the first annual Beach Bowl for MDA. Underprivileged children were given a Christmas party at KA.

Socially, KA has been very active. At the end of Fall Sorority Rush, KA hosted the Annual Bid Day Bash for the three sororities. During the traditional Old South Week, the chapter celebrated with the hayride, hot tub, hog roast, and dance. The spring semester started with the Valentines Day dance hosted by the pledge class.

On campus KA has been busy with several members holding major offices in service organizations. KA also finished 6th in the St. Pat's competition, and placed 1st in Greek Week.



Photo by Susan K. Anyan

KAPPA ALPHA PSI

Pursuing Excellence

The Iota Omega Chapter of Kappa Alpha Psi Fraternities Inc. received its charter at UMR in February, 1980.

Since then, the men of Kappa Alpha Psi have aggressively sought to unite college men of culture, patriotism and honor in a bond of fraternity; to encourage honorable achievement in every field of human endeavor; to promote the spiritual, social, intellectual and moral welfare of its members; and to inspire services in the public interest. These fundamental purposes give Kappa Alpha Psi its unique and distinguished character, which can be summed up in the words of the Fraternity's found-

ers: "Whatever is done must be done well and in accordance with the highest standards."

This year, Tony Blue, a sophomore in electrical engineering, and Armen Parker, a senior in the same field, lived up to the founders' standards of excellence as they won first place in the Annual Black Heritage Trivia Bowl on February 10.

Next year promises to be a good one for the brothers of Kappa Alpha Psi as they will celebrate the chapter's tenth anniversary in the spring, closing out the first decade of the fraternity's pursuit of excellence at UMR.

Kappa Alpha Psi group picture not available at time of publication.



Senior Armen Parker along with sophomore Tony Blue swept away the competition in the Annual Black Heritage Trivia Bowl on February 10 while representing the fraternity. Kappa Alpha Psi was awarded a certificate in recognition of their victory.

KAPPA SIGMA

85 YEARS . . . AND STILL GOING STRONG!!!

Kappa Sigma First Row: John Borgerding, Dan McKean, Mark Wrocklage, Chris Silies, Joe Shukys, Travis Dean, Matt Dube, Phil McCalla. **Second Row:** Todd Anderson, Dave Bushey, Chris Leuthauser, Dave Thompson, Craig Eyermann, Karl Leodler. **Third Row:** Ken Krause, Bob Fischer, Alan Hopkins, Jeff Beetz, Ed Hassenger. **Fourth Row:** Tim Litsch, Danny Van Lumma, Brian Lux, Charlie Comeau, John Wolf.



Photo by Susan Kay Anyan



Courtesy of Kappa Sigma



Photo by Susan Kay Anyan



Courtesy of Dan Lumma

This year the Beta Chi chapter of Kappa Sigma celebrated its 85th anniversary at UMR. Alumni and friends poured in over St. Pat's for the celebration, which also marked the final payment on the 20 year mortgage for their house! Now not only can funds be directed toward some extensive house improvements, but their alumni are already talking about building for the future.

The 1989-90 school year was a very prosperous one for Kappa Sig. They ended the year with a strong finish in both intramurals and Greek Week, and after having another successful "Run for Cerebral Palsy" in which over \$1700 was collected. They also gained a new faculty advisor Dr. Walter Eversman, who has been very active part of the house this year.

Many brothers of the fraternity excelled on campus this year: Chris Leuthauser-UMR/IFC most improved GPA scholarship, Alan Hopkins-IFC man of the year, Craig Eyermann-Rollamo Editor-in-Chief, and Jim Dierkes-St. Pat's Court (Guard).

With these successes, the men of Kappa Sigma are excited for an even better year ahead . . . and plan to never be satisfied!

Upper Left: Joe Shukys, Winter 89 President, finally finds a girl he can hold on to! **Upper Right:** Dave Auernheimer, Rob DeChant, and Dan Lumma, of the Florescent Hi-Tops, take a break from another jammin' set. **Bottom Left:** Kappa Sigma's 1989 Sweetheart, Teresa Hamm and Rob DeChant before a night on the town. **Bottom Right:** Homecoming 1988 found the Brothers of the Beta Chi down at the bar greeting alumni.

LAMBDA CHI ALPHA

LAMBDA CHI GROWS IN NUMBERS AND VISIBILITY

1988-89 was a year of evident growth for the Alpha Delta chapter of Lambda Chi, which grew in to both numbers and visibility.

Keeping up with tradition, they held their annual Gang Kidnappings to net money for Rolla area families over Thanksgiving. In the spring they held their 27th annual Chicken Dinner to benefit the CP school and Gingerbread house. Both projects were successful.

St. Pat's saw Lambda Chi in a fury of activity. They were represented on the St. Pat's Court by Todd Taylor, their senior rep. After their third place cudgel, their float entry, and their fifth place overall St. Pat's finish, they turned their attention to Greek Week. Again, Lambda Chi did well, finishing sixth overall.

At the festivities, Lambda Chi Alpha was cited for their outstanding third place booth, the lovely Jenni Peterson, Greek Week Queen 2nd runnerup, and their IFC senior rep Dave Platt, Briareus 1989.

It has been a long and exciting year for the brothers of Lambda Chi Alpha and they are looking forward to another great year. With a good start on summer rush, they hope to be bigger and better than ever.



Courtesy of Lambda Chi Alpha



Courtesy of Lambda Chi Alpha



Courtesy of Lambda Chi Alpha

Picture 1: Brother Matt Markel presenting the check to the Rolla Nutrition Center. The money was raised during their annual "Kidnappings". From left to right: Spenser Jones, Tim Hamilton, Cory Probasco, Steve Barton, Matt Markel, and Tim Lynchard. **Picture 2:** Their intramural soccer team did well by making it into the finals. Pictured are Romao Carrasco, Brian Scott, and Tim Mussman. **Picture 3:** The running of their race chariot helped capture sixth place overall in Greek Week. **Bottom Left: The Men of Lambda Chi: Front Row:** J. Lawson, A. Yu, R. Gasaway, S. Jones, N. Martin, T. Taylor, P. Hammann, D. Brennan. **Second Row:** G. O'Brien, K. Hall, K. Reilly, M. Sellberg, S. Vukcevic, J. Hordeski, B. Dalton, T. Ziegler, T. Manary, G. Garnier, G. Pfeffer, V. Harteroad. **Third Row:** T. Lynchard, J. Gach, E. Roddiger, S. Crump, D. Carlson, J. Furman, C. Collins, T. Mussman, R. Baker, K. Nichols, S. Dieckhaus. **Fourth Row:** J. Falkenrath, K. Edmunston, J. St. Clair, B. McDaniel, L.R. Carrasco, B. Corots, T. Faenger, E. Castleton, J. Feltz, B. Scott, B. Flachsart, C. Jansen, C. Stephens. **Bottom Picture:** President Mike Sellberg and Sue Anyan at Belly Up with the Broads.



Photo by Dan Gawedzinski



Photo by Susan Kay Anyan

PHI KAPPA THETA

FIRST PLACE FLOAT AND NEW EXTERIOR



Photo by Tim Davis

Phi Kappa Theta First Row: Greg Davis, Mike Connell, Mark Luedde, Brian Winschel, Charles Fugate, Joe Jones, Doug Tieber, Mike Kroboth, Mike Balass, Brian Carbrey, Mike Schmid, Eddie Granados, Tim Baer, Bruce Dionne, Steve Klump, Mark Yungbluth. **Second Row:** John Laaker, Aaron Schmidt, Allen Hentges, John Gouro, Drew Rinmer, Robert Moore III, Steve Brady, Neil Davidson, Jeff Schaefer, Keith Weepie, Erik Van Rhein, Jeff Klump, Don Howser, Don Hall, Steve Temme, John Mitchell, Matt Collins, John Hentges, Mike Kuess. **Third Row:** Tim Saunders, John Mazzola, Kirk Sharpe, Dennis Amend, Gary Jacquin, Randy Samson, Mike Hariey, John Kuehn, Doc O'Keefe, Tim Harster, Chuck Blume, Brad Pollock, Chip Divin, Rodney Viessman, Bill Johnson, Paul Nester, Matt Johnston, Terry Bruns. **The New Orleans Crew (Not Pictured):** Steve Bader, Mike Gross, Chris Taylor, Mike Sheahan, Kurt Bruemmer, Andy Borman, Greg Neuner, Tim Chojnacki, Dan Giblin.



Photo by Andreas Bartels



Courtesy of Phi Kappa Theta

Phi Kappa Theta began the 1988-99 school year with high hopes that by St. Pat's, the exterior of the house would have an entirely new appearance. Good fortune was in the cards for by Christmas the renovations were complete.

As far as intramurals are concerned, the brothers of Phi Kap showed their competitive edge by placing in the top four over-all once again. Their high over-all finish was strongly due in part to their first place finishes in basketball, soccer, track, and tennis.

A few of their highlights during St. Pat's include a first place finish in the parade float competition and having a member of their chapter being St. Pat for the second successive year. With many members graduating this past year, they have set high goals in rush in order to keep their house at a top standing. With a little work and a lot of enthusiasm, Phi Kap will once again have another banner year.

Left: Phi Kap's 1st place float.



Photo by Andreas Bartels



Courtesy of Phi Kappa Theta

Phi Kap's newly renovated house.

Above: A little sister Hawaiian Party, where a good time was had by all. Those pictured are LeAnne Tippet, Debbie Murphy, Lisa Tieber, Dan Fluffy, and Nancy Zychinski. **Bottom:** Some little sister rushees and actives enjoying some tea while partying at the bar.

PI KAPPA ALPHA

GREAT ACHIEVEMENTS

The men of Pi Kappa Alpha had an excellent 1988-89 school year. Having received the Robert Adger Smythe Award, the most prestigious award a PiKA chapter can receive, they were ready to push their achievements to new heights.

Rush went fantastic for PiKA as they pledged 30 in the fall and another 10 in the spring. Homecoming continued the push as PiKA placed first overall with a first place follies finish and 2nd place yard display. In intramurals, they took 2nd overall, and look forward to next year's intramurals.

PiKA had an awesome showing in Greek Week this year. For the first time, they entered an outstanding show chariot which took 2nd place. They were psyched for Saturday afternoon at the Elysian fields and were pleased with their first place finish in the games. They placed 3rd overall.

All in all, the year was a great success for PiKA. As it comes to a close, extensive construction on their current house will begin. This will include a large addition and much renovation — one more reason for Pikes to look forward to the 1989-90 school year.



Photo by Andreas Bartels

Pi Kappa Alpha First Row: David Fitzgibbons, David Mokker, Steve Needles, Ernie Perrica, Jim Bossman, Bob John, Matt Radman, Mike Brietenstein, Jim Murawski, Ron Weise, Bryan Moore, Brian Augustyn, Kevin Riley, Pat Morrel, Dan Redington. **Second Row:** Shawn Slattery, Doug Morris, Mike Morey, Dave Zimmerman, Jeff Morris, Doug Nolkemper, Bob Schnieder, Rob Snider, Kevin Webb, Scott Otto, Sean Berry, Brian Fortman, Mark Helien, Mike Brandt, Chris Thornton, Dave Weithop, Dorie, Jeff Vogt, Chuck Ketterer, Chris Quinn, Mark Nel, Krisda Choi.



Courtesy of Pi Kappa Alpha

Santa breaks out the presents at Pikes.



Courtesy of Pi Kappa Alpha

A typical party by the outside bar on the veranda.



Courtesy of Pi Kappa Alpha

Pikes spend many hours working on their Homecoming display.

PI KAPPA PHI

DEDICATION AND GROWING BROTHERHOOD



Courtesy of Pi Kappa Phi

Pi Kappa Phi Row One: Tom Oberbeck, Phil Caruso, Jon Gettys, Toby Tekolste, Mark Sautman, Andy Howerton, Drew Hanser. **Second Row:** Jeff Still, Oliver Farrell, Andrew Warmack, Ken Pogsley, Dan Justice, Marc Hornkohl, Lou Eder, Tom Middlebrooks, Jeff Obermark. **Third Row:** Zak Dolan, Jon Bosman, George McCandliss, Rich Houtz, Eric Olson, Toen Starkweather, Todd Risk, Ron Wroczynski, Harry McCloud.



Courtesy of Pi Kappa Phi

Stressing out from long hours of studying.



Courtesy of Pi Kappa Phi



Courtesy of Pi Kappa Phi

Above: Rich Houtz, Todd Risk, Lou Eder, Toby Tekolste, and Ken Pogsley enjoying the warm weather. **Bottom:** Jon Gettys, Ken Pugley and Jon Bosman take a tour in the "Elvis Lives" float car.

The year 1988-89 has proved once that Pi Kappa Phi is growing more than ever. With an incredible fall rush and more on the way, they are growing in size and in brotherhood.

Over the last year, they participated in the St. Pat's Parade with their "Elvis Lives" float. Greek Week was a success with their "Souse the Skipper" carnival booth.

Several members of the house have advanced leadership positions in SUB. They have also enjoyed an above average collection for their national philanthropy PUSH, which is Play Units for the Severely Handicapped.

They have enjoyed much success this year and they are hoping to build on it in the future. Pi Kappa Phi has proven that with dedication and a little bit of work, they will become an active force on campus.



Courtesy of Pi Kappa Phi

Ron Wroczynski and Jon Gettys join in the celebration of the first kinda-annual Pi Kapp Beach Party.

SIGMA CHI

COMMUNITY SERVICE AND A SOCIAL YEAR

The 1988-89 school year has proven to be a very successful one for the men of Sigma Chi. They celebrated their 5th anniversary on August 20 with a banquet that was attended by large numbers of alumni and several international Sigma Chi leaders.

Their annual Derby Days was again a hit and all proceeds were donated to the Cleo Wallace Center, a national psychiatric center for children in need of special education. Other community involvement included their Adopt-A-Highway project and their work with the Rolla Optimist Soccer Program.

Once again the Little Sigmas proved why they are the top of the little sister organizations by taking first place in both intramural football and basketball and by organizing the very successful 3rd Annual Chippen- dales Party.

The Sigs also had a good social year with a number of TGIF's and several rockin' St. Pat's parties, with their hot tub exchange being the highlight.

Forever striving to maintain the standard of excellence set by Sigma Chi, the men of Theta Eta look toward their future years at UMR with optimism and enthusiasm.



Courtesy of Sigma Chi



Courtesy of Sigma Chi



Photo by Bill Booth

Above Left: The Little Sigmas display their first place trophy after capturing the intramural football title. **Above Right:** On the annual float trip, Steve Sullivan takes time out to sing the "Sweetheart of Sigma Chi" to a carp. **Left:** The egg toss at Sigma Chi's Derby Days.



Courtesy of Sigma Chi.

Expressing true brotherhood, both actives and alumni help Pete Corpeny (far right) prepare for his date with Alice.



Photo by Bill Booth

Sigma Chi Row One: Ken Holdner, John Conrad, Don Rainbolt, Mike Sebourn, Brad Moppins, Don Kriesel. **Second Row:** Dave Howard, Steve Menendez, Steve Russell, Dave Belloli, Larry Williams, Louie Traxel, Steve Sullivan, Tom Tokos, Jeff Esparrago, Scott Konersman. **Third Row:** Howard Hollingsworth, Mike Lear, Bill Broyles, Dave Loida, Mike Fox, Kevin Meier, Bob O'Connell. **Fourth Row:** Rod Rushing, Steve Schreiber, Dave Dubois, Mike Swinford.



Photo by Bill Booth

Little Sigmas First Row: Linda Miller, Chrissy Adkisson, Michelle Milton, Suzanne Spencer, Lara Phillips, Lisa Beardslee, Deborah Klaus, Kim Sweeney, Kathy Ryan. **Second Row:** Becky Mattison, Jan Grotenhuis, Kim Politte, Jenny Schnur, Lynn Wei, Cindy Black, Barb Halpin, Karen Botz. **Third Row:** Tanya Clemons, Tanya Hough, Mary Pudlowski, Vanisha Bhatt, Deane Bernoudy, Sara Conyers, Nancy Meyer, Amy Pharr, Casey Engstrom.

SIGMA NU

OLD TRADITIONS AND NEW BEGINNINGS



Photo by Mike Schmid

Above: The remains of what was called "the Brick House."



Photo by Mike Schmid

Above: A new beginning for Sigma Nu — their multi-million dollar house.

The brothers of Sigma Nu began the year with the anticipation of living in their new house in the spring, psyching them to maintain their tradition of excellence.

The Snakes made a strong showing in intramurals by taking second in football and soccer. The pledge class service project raised over a thousand dollars for the American Cancer Society. Morgan Myer, one of the Little Sisters of the White Star, was chosen to be the 1989 St. Pat's Queen. Sigma Nu was also proud to have member Jeff Meyer selected to be Zeus during the 1989 Greek Week.

The men of the Gamma Xi chapter are pushing ever forward toward their goal of becoming a Rock Chapter, National Sigma Nu's highest award to an active chapter.



Courtesy of Sigma Nu

The little sisters of the White Star, Jeff Teson, and Tommy Hughes.



Photo by Susan Anyan

The beautiful wood deck on the back of the house.



Courtesy of Sigma Nu

Pledge class holds a meeting.

66 Living Units



Courtesy of Sigma Nu

The freshman snake bashers of Sigma Nu.



Courtesy of Sigma Nu

Snake's intramural spirit.

SIGMA PHI EPSILON

MORTGAGE BURNING AND LEADERSHIP

The Missouri Gamma Chapter of Sigma Phi Epsilon once again enjoyed a banner year filled with numerous activities.

They celebrated their long awaited mortgage burning with a banquet. After the completion of payment of their house, they began to further beautify the physical appearance of it by purchasing new living room furniture and carpeting with the help of Alumni donations. With October came Sig Ep's annual Fright Night party, which was a great success. Also they worked several nights with the Wesley foundation at the Newman Center's Haunted House. This year they raised over \$3200 for the Cerebral Palsy School of Rolla.

Sig Ep once again hosted the 9th annual Belly Up With The Broads. They also hosted the post Theta Tau Casino Night with a live band, the Florescent Hi-Tops. Friday of St. Pat's, the band Island played to a full house.

Sig Ep was well represented in campus organizations and activities. Sig Eps held five of the nine offices in Theta Tau Omega including President Gene Kertz and Vice President Ron Reimer. Kenny Haynes, who was elected treasurer of Theta Tau, also served the St. Pat's Board as treasurer and was a Master Guard on the St. Pat's Court. George Rea served as Mom for the court and was elected Vice President of the Board. P. J. Halliday served the IFC as secretary and was elected to be the Greek Week God Hephaestus.

Overall, Sigma Phi Epsilon enjoyed a fine year and hopes for much more success.



Photo by Jacquie King

Sigma Phi Epsilon Row One (left to right): Tom O'Fallen, Eric Haack, Eric Sheldon, Gary Potter, Scott Steiger. **Row Two:** Tony Kertz, Tom Wolters, Nick Kluckvin, Gene Kertz, Jeff Borgmeyer, Mike Lyons, Joe Hoffmeister, Mike O'Connell, Dan Donaldson, Brett Renken, Mike Lalumandier, Ron Reimer. **Third Row:** Doug Evans, Dave Wyatt, Scott Jackson, Tom Stevens, Jim Higgins, Eric Kozak, Steve Hagen, Paul Wesling, Craig Hayes. **Last Row:** Mike Widman, John Jansen, Tim Drake, Steve Bleckler, Tom Wesling, Tom Harr, Kevin McLaughlin, Steve Longmeyer.



Little Sisters First Row: Amy Jo Painer, Jackye White, Lucinda Young. **Second Row:** Cindy Patterson, Jennifer Tilk, Jean, Barb Meder, Kay Schilli, Noe Castro.



Courtesy of Susan Anyan

Gina Cook and Craig Hayes at Sig Ep's Valentine's Formal.



Courtesy of Sig Ep



Courtesy of Susan Anyan

SIGMA PI

AWARDS AND SERVICE PROJECTS



Photo by Jason McHaney

Little Sisters First Row: Michelle Depriest, Jacquie King, Ellen Brown. **Second Row:** Debbie Faust, Becky Workman, Amy Mische, Lorie Thoeni, DAnne Murphy, Debbie Obertz, LaChelle Warbington, Anna Light.



Courtesy of Sigma Pi

A pyramid of people supporting Sigma Pi at an intramural game.



Courtesy of Sigma Pi

Sigma Pi participating in a the St. Pat Jingle.
68 Living Units



Photo by Jason McHaney

Sigma Pi Sitting: Brian Holt, Van Gogh, Sean Dingman. **On Steps First Row:** Jim Withinton, Tom Ferner, Mike Cobb, Dave Dicks. **On Steps Second Row:** Dave Farnam, Kevin Miller. **Standing on Lawn:** Chris Chichura, Damon Saagehorn, Kevin Bayliss, Rich Berger, Phil Frerking, Doug Mathes, Jeff McGraw, Dan DeArmond, Bill Good, Jeff Tottleben, Ron Gregg, Mark Woods, John Flake. **On Steps Standing:** Tony Stein, Ed Suranunt. **Porch:** Marcus Chichura, Marty Stack, Matt Johnson, Jeremy McCoy, Tony Haynes, Allen Brady, Alan Smith, Mike Dyess, Kelly Kinnett, Mike Munsell, Steve Paul, Gus Chavez, Chris Killian, Jim Riegrix, Jeff Armstrong, Brian Snow, Bob Dowdy, Bob Graeler, Matt Dune-hew, Steve Buechler, Chauncey Fleetwood, Tim Oden, Jason Skaggs, Matt Boyce, Sailendra Sunkara, Mark Kaepffel, Pat Baker.



Photo by Bill Booth

There's no better way to relax after an exam than in Sigma Pi's "Jacuzzi".



Courtesy of Sigma Pi

Sigma Pi's pause from working on their service project.

It has been a great year for the men of Sigma Pi. They started the fall semester on a strong note with a twenty-one man pledge class and forty-two actives. To start the semester in the right direction, they held a float trip the weekend before school started.

The fall semester was a busy one. Both the chapter and little sisters received first place in the annual IFC fall cleanup of Rolla for having the most participation. Academically, they ranked fourth among all fraternities with the actives ranking second. Their whole chapter was at the home football games, supporting the Miners and winning the 12th Man Award again. They displayed their musical talent by taking first place in the IFC Greek Sing competition.

St. Pat's was definitely the best ever as Tim Holland was elected Trumpeter on the St. Pat's Court and Sigma Pi took fifth place overall. Their show chariot took fourth place in Greek Week competition as they aimed for a top five finish overall. They were also top five in intramural competition.

They expect many more years of success to come.



Photo by Bill Booth

SIGMA TAU GAMMA

GPA AWARD AND A PRODUCTIVE YEAR

Sigma Tau Gamma Fraternity had a very productive year. Out of all UMR fraternities, they received the most improved GPA award, jumping ten places from last year. After spending many an hour and making a strong showing in the homecoming parade, they were sorry to see their anti-float go down in flames at the bonfire. In the second semester, they also had a strong showing in St. Pat's. Though they retired their trophy for winning 2nd place three years in a row, they expect many successful days ahead.



Photo by Tim Davis

Sigma Tau Gamma (Left to Right): Bo Parrish, Andy Storf, Jason Frank, Mark Ortmeier, Ron Humphrey, David Libiez, Gerry Elphingstone, Scotty Harris, Rich Horst, Mark Stranczek, Rick Cwiklowski, Toby Roberts, Todd Miller, Rob Suess, Chris Hughes, Mike Wilkening, Gary Wilkening, Jeff Davis, Dan Finklang, Steve Keutzer, Alex Scott, Tim Dalton.



Courtesy of Sig Tau

Fonzie Catman, alias Billy Clifton, has stein in hand at this year's St. Pat's celebration.



Photo by Bill Booth

The Sig Tau House, #5 Fraternity Drive.



Courtesy of Sig Tau

Brothers Keutzer, Serrage, and Davis work to get the most sweatpants on in a minute.



Courtesy of Sig Tau

Weeks of preparation went into the Homecoming float.

TAU KAPPA EPSILON

WORKING TOGETHER FOR EXCELLENCE

Tau Kappa Epsilon Front Row: M. Donnelly, Tim Beckerle, M. Keith, E. Smarko, R. Martin, M. Becher, Gene Erker, Jim Freeman, D. Rottmann, B. Pulsifer, B. Fall, J. Scheupbach, T. Southmayd, T. Piskorski, D. Rottmann, T. Holmes, K. Squires. **Middle Row:** Tom Deiters, A. Del Rosatlio, S. Warhover, J. Deters, E. Meuhlenkamp, Dan Lawrence, R. Goltz. **Back Row:** T. Blount, B. Johnson, J. Amiel, D. Heuvelman, G. Gandolfo, J. Koenigs, T. Kelly, J. Sanders, G. Ziegler, O. Lynch, T. Do, Mike Plummer, Dean Quick, B. Williamson, S. Bahr, W. Unk, D. Park, D. Bernhard, M. Aufdembrink, S. Faser, F. Husman, A. Bessler, C. Celeslie, D. Herman, R. Wilcox, E. Boyer, D. Hemmer, D. Clark, C. Cattor, S. Price, R. Meyer.



Courtesy of TKE

The Beta Eta Chapter of Tau Kappa Epsilon finished another successful year of inter-fraternity competition. Last fall, their Homecoming Display took first place. They then turned their attention to cudgel making. Many long hours of work paid off as their cudgel placed first, leading them into a first place finish in St. Pat's for the second year in a row. After the excitement of a St. Pat's subsided, it was time to gear up for Greek Week. They managed to place second, leaving their record at 29-3-2.

The men of TKE are quite proud of their ability to pull together and work together to win competitions. This has brought them closer and it helped them work through their sorrow when they lost a brother in a car accident. Tom Deiters personified the TKE ideal, a hard worker in all he did, a good friend to all who knew him and a well-respected brother.

They plan to continue in their tradition of excellence, looking ahead to the future while remembering the past, ever striving for higher goals. They bid goodbye to their graduating seniors and welcome their new members.



Courtesy of TKE



Courtesy of TKE

Above: TKE's Valentines Party Weekend. **TKE Little Sisters Above Right:** Karen Squires, Ursula Wheeler, Kelley Jozwiak, Mary Eise, Robin Meyer, Traci Holmes. **Second Row:** Mike Becher, Nancy Niemeier, DawnRae Clark, Leslie Vigna, Christy Boraz. **Third Row:** Susan Price, Jody Mawhorter, Jennifer Sommer, Jami Thornsberry, Karen McClure. **Right:** TKE celebrates Bunny's new job. **Below Far Right:** TKE's 1st Place Cudgel. **Below Right:** Ted Ahrens and Mike Plummer are psyched for Greek Week. **Below:** President Jim Freeman, just after he told everyone to leave so he could study (except Gene), working on the computer.



Courtesy of TKE



Courtesy of TKE



Courtesy of TKE



Courtesy of TKE

THETA XI

CELEBRATING 40 YEARS

The Alpha Psi Chapter of Theta Xi celebrates its 40th anniversary locally and its 125th anniversary nationally this year. Needless to say, their members are very proud and anticipate many more years with this respected organization.

The men of Theta Xi have made many improvements on the chapter house this year. They have replaced all of the old tile in the basement, built new benches, and replaced an old wall. In addition, they have purchased a new stereo television and a refinished pool table.

Theta Xi once again proved its commitment to service by winning the G. A. D. traveling trophy for most service hours both semesters. They also raised \$1000 for MS, their patron charity.

Homecoming was very successful for Theta Xi, as they took first in several events and placed fourth overall. They also made a very good showing in Greek Week this year as they took first place in fuzzi-ball and went to the semifinals in tug-of-war.

They hope for many more achievements in the future.



Photo by Bill Booth

Names Not Available



Courtesy of Theta Xi

Another sign of their progress - a new pool table!



Courtesy of Theta Xi

Construction of their new benches.



Courtesy of Theta Xi

A Theta Xi freshman preparing his shillelagh for the snake attack on campus.

TRIANGLE

THEY'RE FINALLY BACK

Triangle On Roof: Joe Sminchak, Ben Strehlman, J. K., Arky Stuart, Biff Kerns, Pat Conroy, John Witty, Brett Schwalb, Bud Cochran, Steve Atkinson, C. F. Nichols, Steve Links, Carl Bruce, Yertdog Godfrey, Rob Wagner. **Ground First Row:** Chuck Kohnen, Matthew Irnballs, Ali Bubba, Bill Booth, Erich Elmer Fudd, Keg, Jack Snegro, Eric Seaman, Greg Allen, Will Henry. **On Ground, Back Row:** Dan Parker, Java Humphrey, Michael Fartwig, Sean Asbury, Roger Menstrate, Jeff Schoonover, Eric Wuenschner, Micheal Hunt, Rob Schaffer, Bear Hoven, Keith Tayon, Keith Chapman, Chadwick Smith, Dan Reardon, Bruno Brunstein, Richard Tyler, Avi Schmerer, Jayme Schwartz, Keith Roe.



Photo by Bill Booth

The Brothers of Triangle Fraternity would like to announce that they are finally back in their new house. It is a great relief to Triangle to be home after spending the Fall semester as dormies in McNerny Hall. The Fall semester was good to them nonetheless as they earned 2nd place non-float entry in the Homecoming Parade and 2nd place in the Christmas Display. Their pledges have done admirably well despite not having a house to live in for a while. Springtime was sweet as they finished 8th for St. Pat's points and performed well in intramurals. Now that they are back in their house, there is nothing that can hold them back.

Below: The 1989 St. Pat's Sweatshirt. **Far Below:** President John Segur during his "Court Days". **Below Right:** Mike Hartwig, Dan Parker, and John Humphrey count kegs after St. Pat's. **Far Below Right:** Artwork by Dan Reardon.



Photo by Bill Booth



Courtesy of Triangle



Courtesy of Triangle



Photo by Bill Booth



Photo by Sue Anyan



Courtesy of Triangle



Photo by Bill Booth

John Humphreys takes a walk on the wild side while Carl Bruce looks on.

ALPHA KAPPA ALPHA

STRONG COMMUNITY INVOLVEMENT

Alpha Kappa Alpha Sorority, Inc. was founded at Howard University in January of 1908. Alpha Kappa Alpha is the first black sorority founded by undergraduates for undergraduates. The Gracious Ladies of Alpha Kappa Alpha have been on UMR's campus since December 5, 1981.

Alpha Kappa Alpha Sorority, Inc., Xi Delta Chapter has had a dynamic 1988-1989 academic year! Headed by five fairly young members of the organization, the Ladies of Alpha Kappa Alpha have done everything in their power to make known their presence on UMR's campus. They started the year by supporting the Church World Services in their annual Crop Walk through Rolla. Other community activities included a donation to the Missouri Department of Family Services for Christmas Toys for Rolla area needy children and participation in the Bowl for Kids' Sake sponsored by Big Brothers/Big Sisters of Rolla, Inc. The Ladies of AKA also took a daring step in sponsoring the third MIAKA Ball of Xi Delta's history. \$100 of the proceeds were donated to the organizing NAACP Chapter of Phelps County. With this donation, the NAACP was able to acquire the 100 members necessary for chartership. Turning to campus involvement, AKA did not leave a stone unturned. They also organized and set the foundation for their intramural sports team. Lastly, AKA raised money to start a Black Culture House Restoration Fund, established to replace furniture in the BCH. Although at present they are a mere five members strong, they'll be back for the 89-90 academic school year working, striving, and stronger than ever.



Photo by Glen Halley

The Ladies of Alpha Kappa Alpha.



Photo by Bob Kronchabel

Alpha Kappa Alpha (L to R): C. Neal, T. Youngblood, J. Hubbard, T. Johnson, R. Jacobs.



Photo by Glen Halley



Photo by Glen Halley

Joelle Hubbard, top, and Tamiko Youngblood display their craftwork.

CHI OMEGA

10 YEAR ANNIVERSARY



Photo by D. Gawedzinski

The Sisters of Chi Omega on their front lawn.

An inside look at the Chi Omega house.



Photo by D. Gawedzinski



Photo by Bill Booth

74 Living Units

The Chi O's partying at the Panhellenic Party.



Photo by A. Bartels

The mattress carry at Mini Olympics.

KAPPA DELTA

SISTERHOOD, LEADERSHIP, AND ACADEMIC EXCELLENCE

Kappa Delta had an exciting year. Between participating in intramurals, Greek Week festivities, St. Pat's, and attending their social functions they had a great year. For KD's philanthropies, the sisters kidnapped the presidents from every house for a ransom of food goods. They also sold cookie grams and collected money for the prevention of child abuse.

In April they held a special dinner to honor their sisters who excelled in scholarship and some special men (Mike Plummer and Tod Davis are their Dagger Men) who have helped the chapter through the year.

They were sad to see their graduating seniors leave but are excited about their new initiates and pledges who are bound to continue the lifeline of excellence that the chapter has attained.



Photo by Bill Booth

Kappa Delta Front Row: Linda Desilet, Debbie Faust, Jill Gosnell, LaChelle Worthington, Anna Light, Kelly Richardson, RS, Amy Mische, Amy Leavall, Deena Barnhouse, Beth Holtman, DAnne Murphy, Mary Strouse, Becky Workman, Debbie Murphey, Julie Betlach, Beth Brockman, Lisa Matthews, Susan Anyan. **Second Row:** Wendy Jutte, Cindy Gereau, Stacy Meyer, Ann Yocum, Rolynda Walker, Tara McGaugh, Tina Pruett, Lisa Wilcox, Kim Buss, Julie Robey, Becky Pavlovchik, Cindy Patterson, Teresa Hamm, Tracey Ball, Gina Cook, Cyndi Ruff, Jane Dey, Sherry Staehle, L. Ross, Pat Andrews, Tracey Clavenna, Michelle Mahoney, Kimberly Hoffmeister, Lisa Lauber, Lesley Faulsich, Julie Robinson, and (not pictured) Mimi Mitchell.



Courtesy of Susan Anyan

The Kappa Delta main house at 1800 Pine Street.

Below: Sisterhood grows during Fall Formal Sorority Rush. Those pictured are Laura Spencer, Cindy Patterson, Julie Betlach, Susan Anyan, Sunila Lahiri, and Tracey Clavenna.



Courtesy of Susan Anyan

Above: Amy Jo Painer, Jenny Tilk, Cindy Patterson, Tracey Ball, and Sue Anyan at Sig Ep's Belly Up.



Courtesy of Kappa Delta



Courtesy of Kappa Delta

Above: Lisa Wilcox and Wendy Jutte in their St. Pat's follies outfit.



Photo by Susan Anyan

Left: You bring the hairspray and I'll bring the lipstick. Pictured are Tracey Ball and Teresa Hamm. **Above:** Holding composites for ransom has become a tradition among the Greeks at UMR. **Left to Right:** Stacy Meyer, Amy Mische, Becky Workman, Tina Pruett, Julie Betlach. **Right:** The court at KD for dinner during St. Pat's.



Photo by Kappa Delta

HELL . . . for Sherry - The 1989 St. Pat's Jingle.



Courtesy of Susan Anyan



Courtesy of Susan Anyan

ZETA TAU ALPHA

15 YEARS AND GROWING



Courtesy of ZTA

Zeta Tau Alpha Row One: R. Dalske, J. Ragan, J. Anderson, R. Beall, J. Ewers, S. Kaller, M. DeBourge, J. Crowell, K. Roper, A. Koike, A. Gefferth, A. Hedding. **Second Row:** S. Turner, K. Shelton, K. Jozwiak, A. Johnson, D. Shultz, C. Mitchell, L. Goucher, D. Ballinger, A. Chapman, M. Lillard, N. Castro, T. Thompson, J. Thornsberry, J. Pennycuick, S. Dinwiddie, T. Blue, M. Coffin. **Third Row:** D. Rozgay, J. Hinson, S. Anderson, K. Lexa, K. Casper, J. Peterson, J. Lynch, S. Dedic, D. Kladiwa, S. Nguyen, L. Stevenson, R. Beiter, M. Meyer, K. Mahoney, N. Bryant, G. Winkler. **Fourth Row:** J. Goetges, K. Fleming, J. Llewellyn, B. Meder, K. Meyer, N. Mascalco, T. Todd, R. Lamb, W. Francis, V. Betlach, S. Avula, C. Hayes, I. Brinegar, L. Herren, K. Weber, M. Lahm. **Fifth Row:** N. Nawojski, P. Bragengerg.

Zeta Tau Alpha started off the year on the right foot by receiving the most prestigious award from their National, the Crown Chapter Award. Things continued to get better with the addition of nineteen new pledges to their chapter.

In November they celebrated their 15th Anniversary at their annual White Violet Formal.

The Spring semester brought them two pledges and was filled with many service activities. They held a Valentine's Day Party at Heritage Park and played bingo with the residents. They donated clothes to L. O. V. E. and held two roadblocks for charity. They also made teddy bears to be given to children at the hospital emergency room.

The year ended as good as it began with more honors. They were awarded to their chapter at Zeta Days held in St. Louis. They received the Sisterhood Award and an award for Chapter Organization. The 1988-1989 school year was a great year for the ZTA chapter, and they look forward to many more.



Special times with special friends.

Courtesy of ZTA

ZTA Houseboys
First Row: Ron Rosner, Mike Lewis, Dave Vonarx, Steve Schwab. **Second Row:** Joe Stemler, Tim Cross.



Courtesy of ZTA



Courtesy of ZTA

Noe Castro and Michelle Lillard get psyched for Halloween.

PANHellenic

KEEPING THE GREEK SYSTEM STRONG

UMR Panhellenic, the governing council for the UMR sororities, worked hard to make the 1988-89 school year for the Greek girls. In the fall, they hosted a "Pledge Dance" for the new sorority pledges as well as a "Beach Party" which was a splashing success. In December, they worked with the IFC to put on the Greek Sing and Dance. They also said goodbye to their senior reps and welcomed in their new baby reps and executive council, to which they elected Tina Casto of Kappa Delta to President, Beth Baumbach of Chi Omega to Vice President, and Kelley Jozwiak of ZTA to Secretary/Treasurer.

The winter semester was a busy semester for Panhellenic as they prepared for all of the festivities of Greek Week. Stephanie Dinwiddie of ZTA, a Panhellenic alumni rep, was honored as Athena, the Greek Week Goddess. Panhellenic planned the Mini-Olympics, which included crazy competitions among the fraternities and sororities. Before the games at the Elysian Fields, they hosted a breakfast for the IFC gods, goddess, and queen finalists.

Throughout the year, Panhellenic promoted sorority relations with a Progressive Dinner, a dinner exchange, and an all-sorority bowl. They look forward to an even more successful and fun year in 1989-90!!!!



Photo by Jason McHaney

The UMR Panhellenic First Row: Susan Kay Anyan, Noeida Castro, Jenni Peterson, Tina Casto. **Row Two:** Jill Gosnell, Michelle Lillard, Sunila Lahiri. **Row Three:** Sherry Staehle, Beth Brockman, Beth Baumbach, Kelley Jozwiak, Kris Fleming, Elaine Yonker, Michelle DePriest, Jenifer Curry and not pictured, our advisor, Mrs. Boo Eversman.

Kim Buss, Sherry Staehle, Sue Anyan, Nina Lahiri, and Tina Casto waiting for the caterpillar race at the Greek Week Opening Games.



Courtesy of Wendy Jutte



Photo by A. Bartels



Photo by A. Bartels

The All Greek Dance at the Armory.



Photo by A. Bartels

The UMR Panhellenic Woman of the Year, Wendy Jutte, a Kappa Delta, at the slopes during Spring Break with Matt Kovarik.

Susan Turner, Wendy Jutte, and Stephanie Dinwiddie collecting money at the pledge dance for LOVE.

IFC

(INTERFRATERNITY COUNCIL)



Photo by Mike Schmid

Above: Vice President of the IFC Tim Breece oversees the activities of the baby reps. **Below:** Scott Quackenbush enjoying the alumni status.



Courtesy of Mike Schmid



Photo by Andreas Bartels

The Men of the Interfraternity Council



Photo by Mike Schmid

Above: Scott Costello at Greek Sing. **Below:** Alex Scott cooking at the IFC Clean UP.



Courtesy of Kappa Delta

Above: The Ladies of Kappa Delta were psyched for Greek Sing 1988. They performed Old Time Rock 'n Roll by Bob Seger. **Below:** Third place band, featuring Dan Lumma and Rob DeChant (of the Florescent Hi-Tops), was Kappa Sigma.



C Photo by Mike Schmid

GREEK WEEK 1989

The All Greek Picture



Photo by Tim Davis

WAS BROUGHT TO UMR BY:

INTERFRATERNITY COUNCIL

Acacia
Matt Turk
Kevin Hicks

Alpha Epsilon Pi
Scott Quackebush
Andy Mueller
Tim Morrow
Tim Dickey

Alpha Phi Alpha
Mike Tolbert
Ken Rice

Beta Sigma Psi
Dan Schmidt
Scott Costello
Paul Hasselbring
Mike Grasc

Delta Sigma Phi
Dan Dolan

Delta Tau Delta
Ken Johnson
Noel Gibling

Kappa Alpha
Tim Watsek
Brian "Turbo" Rolli
Brad Steinkamp
Marc Thomas

Kappa Alpha Psi

Murrell Blackburn
Wilson Black
Tony Blue

Kappa Sigma
Alan Hopkins
Rick "Cooch" Stahlin
Philip McCalla

Lambda Chi Alpha
Mike Sellberg
Dave Platt
Eric Roddiger
Tim Faenger

Phi Kappa Theta
Tim Chojnacki
Brad Pollack

Pi Kappa Alpha
Doug Morris
Mark Helein
Kurt Van Hoogstrate

Pi Kappa Phi
Toby Tekolste
Andy Howerton
Drew Hanser

Sigma Chi
Nick Marler
Dave Tokos
Mark Nelson

Sigma Nu
Jeff Meyer
Tim Breece
Brent Green

Sigma Pi
Jeff Tottleben
Dave Dicks

Sigma Tau Gamma
Alex Scott
Gerry Elphingstone
Todd Miller
Dave Libiez

Tau Kappa Epsilon
Joe Gandolfo
Tim Berkerle
Gene Erker III
Tom Deiters
Greg Martinez

Theta Xi
Tim Wuckowitsch
Nat Broeckling
Rob Swan
Matt Acuff

Triangle
Dan Reardon
Carl Bruce
Avi Schmerer

PANHELLENIC

Chi Omega
Beth Baumbach
Susan Housch
Michelle DePriest
Nicki George
Jenifer Curry
Elaine Yonker

Kappa Delta
Tina Casto
Nina Lahiri
Susan K. Anyan
Beth Brockman
Jill Gosnell
Sherry Staehle

Zeta Tau Alpha
Kelly Jozwiak
Kristy Weber
Kris Fleming
Jenni Peterson
Noeida Castro
Michelle Lillard

THE GODS

The Greek Week Gods and Dad:
 Carl "Dad" Bruce, Scott
 "Hades" Costello, Dave
 "Briareus" Platt, Gerry
 "Hermes" Elphigstone, Dan
 "Kottus" Reardon, Brian
 "Dionysus" Rolli, P. J.
 "Hephaestus" Halliday, Nick
 "Gues" Marler, J. D. "Zeus"
 Meyer, Nat "Apollo" Broekling,
 and Gene "Poseidon" Erker.



Photo by Susan Anyan



**The UMR Panhellenic
 Woman of the Year,**
 Wendy Jutte stops the
 Ryder "Chariot" to get a
 picture with the god
 Dionysus (Brian Rolli).

80 Greek Week 1989

Photo by Susan Anyan



Courtesy of the Miner

Gods P. J. Halliday and Gerry Elphigstone partying at the Lions Club Park.

OPENING GAMES



Photo by David Theisen

Lighting the torch as a symbol that the games may officially begin.



Photo by Susan Lowe

The show chariots of Greek Week 1989.



Photo by David Theisen



Photo by David Theisen

The Sigma Pi show chariot.

The Brothers of Tau Kappa Epsilon once again pull together and bring Greek Week the first place chariot.

OPENING GAMES



Photo by David Theisen

Philip McCalla checking the tension on the flags surrounding the chariots.



Photo by Dave Theisen

Left: The canstacking competition. **Right:** Bob Fischer participating in the caterpillar race.



Photo by Dave Theisen



Photo by Dave Theisen



Photo by Susan Lowe

Jeff Amiel and Steve Fraser show off TKE's show chariot.



Photo by Susan Anyan

Susan Anyan, and Gods JD Meyer & PJ Halliday pause from Greek Week planning to party at KA. Mike "Smokey" Gross, Dan Heitzman, and Brad Steinkamp discuss shirt sales.



Courtesy of the Rollamo

Eric Stockglausner back from co-op to attend Greek Week.

OPENING GAMES



Photo by David Theisen

Below: Tom Neaf of Kappa Sigma passes a dog in the tricycle race. The dog was disqualified for leaving its tricycle.



Photo by Susan Lowe



Photo by Susan Lowe

The caterpillar race was a (face) smashing success.



Photo by Susan Anyan

The gods raid the KD Annex roof.



Photo by David Theisen

Slippery When Wet was a new game this year. Hopefully, next year will be warmer. Pictured below are Bob Fischer and Anne Chapman.

Photo by David Theisen



MINI OLYMPICS

The Mini Olympics at Beta Sigma Psi.



Photo by Bill Booth



Photo by Bill Booth



Photo by Bill Booth

God Nick Marler oversees the egg push



Photo by Bill Booth

Tim Distler and Bob Fischer display the strong brotherhood of Kappa Sigma Fraternity



Photo by Bill Booth

The Sigma Chi's won't let anyone sleep peacefully



Photo by Bill Booth

God Gene "Poseidon" Erker

IDI-ODYSSEYS



Photo by Bill Booth

A typical day in the life of Steve Esry.



Amy Betten doing an awesome solo for the Gods.



Photo by Susan Anyan

Alice "Pandora" Netzer opening the forbidden box.



Photo by Mike Schmid

Phil Frerking doing mythical character for Sigma Pi.



Photo by Mike Schmid

IFC reps Greg Flieg and Tim Breece brought UMR pre-Greek Week Games.
Photo by Mike Schmid



Photo by Mike Schmid

God Dan "Kottus" Reardon

Greek Week 1989 85

IDI-ODYSSEYS

Geek Physique



Photo by Bill Booth



Photo by Mike Schmid

Brent Green, Greg Flieg, and Tim Breece counting the votes for the Idi-Odysseys.



Photo by Bill Booth



Photo by Bill Booth

Above: The men of Greek physique. **Below:** The best nerd. Let's hear the laugh again!



86 Greek Week 1989

Photo by Bill Booth



Courtesy of Susan Anyan

God Nick "Gyes" Marler.

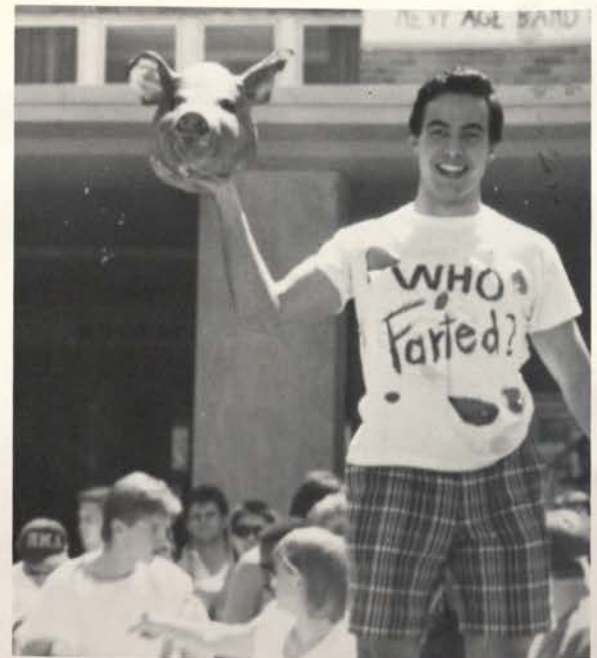


Photo by Bill Booth

THE BARBECUE



Photo by Susan Anyan

"Is this a Hickory?" Pictured: Brent Green and Tim Breece



Photo by Susan Anyan

Greg "Mad Dog" Martinez, Greg Flieg, Mike Sharp, and Brent Green discussing the best method of cutting a tree down.



Photo by Susan Anyan

Tim Breece and Brent Green hang out at the cave on the Anyan's property, while (below) they leave Sue to cut the tree.



Courtesy of Susan Anyan



Photo by David Theisen

Ice cream anybody?



Photo by David Theisen

Phil McCalla preparing pig sandwiches.



Photo by David Theisen

President of Panhellenic, Tina Casto helps Mike Sharp separate the pig roast



Photo by Dave Theisen

Marc Thomas serves the potato salad.

THE CARNIVAL



Photo by Mike Schmid

The All Greek Dance at Kappa Sigma was a blast. The band Weapons played all night.



Photo by Mike Schmid

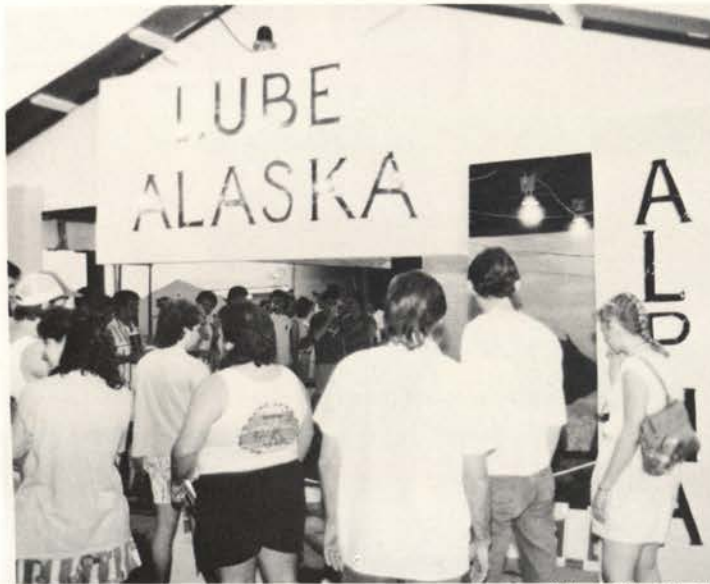


Photo by Mike Schmid

The First Place Carnival Booth presented by Kappa Alpha.



Photo by Mike Schmid

The golfers of TKE carnival booth.

THE CARNIVAL



Photo by Mike Schmid

The pie throwing booth.



Photo by Mike Schmid

Dad, you're supposed to hit the can!



Photo by Mike Schmid



Photo by Mike Schmid

THE GAMES



Photo by Mike Schmid



Courtesy of the MINER

Lambda Chi in tug of war.



Photo by Mike Schmid



Photo by Mike Schmid

The Chariot Race.



Courtesy of Susan Anyan

Gerry "Hermes" Elphingstone

THE GAMES



Photo by Mike Schmid



Photo by Mike Schmid



Photo by Mike Schmid



Photo by Mike Schmid



PJ "Hephaestus"
Halliday

Courtesy of Susan Anyan

2 & 3 SOUTH

Two South Row One: Angela Street, Lynette Brunner, Amy Mason, Kelly Richardson, LaChelle Worthington, Beth Wehmeyer, Andrea Dorr. **Row Two:** Laura Hamilton, Diane Howe, Sha-Shona Wade, Suzanne Reeves, Michelle Daunne, Elaine Yonker, Jeanne Jackson, Sarah McCorkle, Lorie Thoeni, Anita Jilg Kim Roper, Dion Sagez. **Row Three:** Andrea LaChance, Brooke Duckering, Dianna Conner, Lora Hardin, Becky Dancy, Mary Eise, Nancy Niemeier, Mary Makara, De'Lacey Robinson.



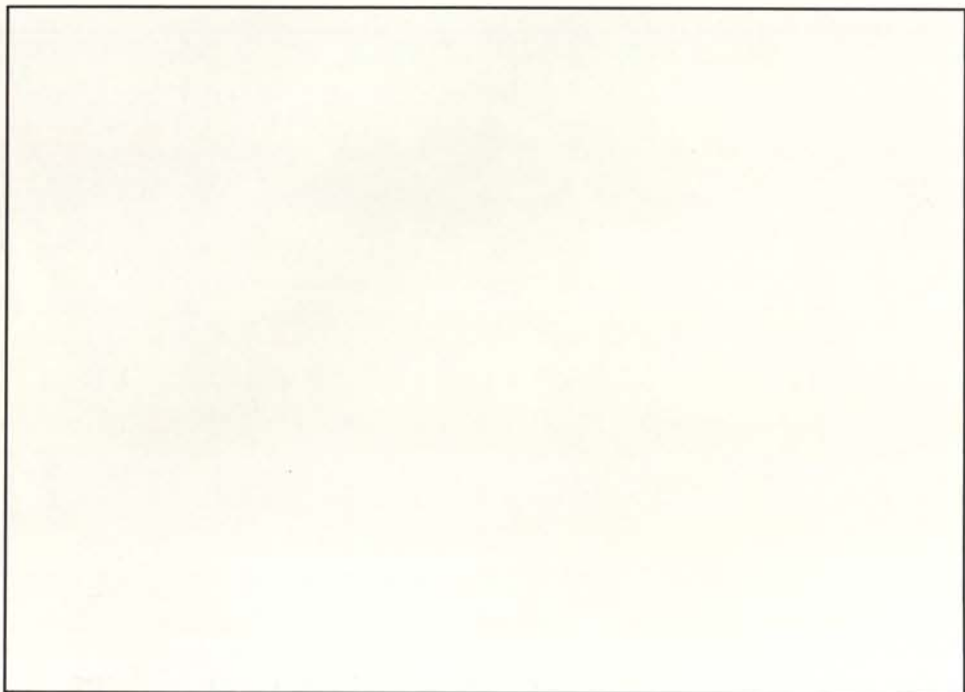
Photo by Dan Gawedzinski



Photo by Dan Gawedzinski

Three South: Danielle Anderson, Jackie Hackett, Jenifer Curry, Penny Phegley, Jennifer Ward, Kim Dale, Tina Gazaway, Betty Knaust, Mary Beth Volk, Lisa Edwards, Anna Berra, Dyan Pulsipher, Cathy Carter, Paula Paxton, Christy Boraz, Yvonne Franklin, Kathy Cole, Susan Lowe, Jennifer Morris, Lori Brandt, Lisa Gerhardt, Kristen Dierker, Jennifer Gerboth, Jahna Wollard, Kim Politte, Suzanne Spenser.

4 & 5 SOUTH



Picture Not Available

Five South Back Row: Jennifer Smith, Heather Jinley, Camille Still, Gina Turner, Stephanie Stroker, Laura Mueller, Tina, Cassie Bryant, Tammy Fecler. **Second Row:** Hye-Jung Kim, Susan Shaw, Deanna Valentino, Christine Sheehy, Kimberly McMahon, Pam Whitten, Tashya Ryerse, Jackie. **Front Row:** Esther Walker, Vicky Horstmann, Ann Fredrick, Brooke Sanders, Amy Pharr, Jackie Haggerty, Dawn Nicholas, Briana Churchich, Diane Schwalje, Deena Ballinger, Ayako Koike, Donnita Simpson.



Photo by Rick Spurlock

6 & 7 SOUTH

Six South: Charles Copple, Erik Johnson, Jamar Neal, Jon Logan, Dave Logan, Dave Renfert, Alex Stone, Gary Honey, Mickey Lawrence, Jeff Bartlett, Curt Lewis, Matt McKay, Scott Boyd, John Collins, Greg Storm, Steve Ford, Robin Williams, Scott Manson, Brian Rodewall, Tom Goebel, Matt Thompson, Mike Halbach, Scott Wells, Rob Fugina, Greg Robirds, Jocko Dill, Dave Ellerman.



Photo by Andreas Bartels



Photo by Glen Halley

Seven South First Row: Jim Fornango, Doug Pentecost. **Second Row:** Phil Morrison, Ken Shields, Matt Brooks, Dan Sickenclik, Rich Huntebrinker, Keit Doan, Hai Doan. **Third Row:** Kashif Chorg, Maurice Weathers, Kaman Wookard, Randy Boswell, James Robinson, Rich Ingalls, Greg Throckmorton, Ali Naseer, Ben Jones. **Fourth Row:** Brian Arbuthnot, Matt Pagton, Randy Schadt, Erich Fitzpatrick, Brooks Barrett.

8 & 9 SOUTH



Photo by Rick Spurlock

Eight South (Bottom Left then Clockwise): Sam Welge, Tim Hellebusch, Tom Brown, Grant Christensen, James Kuhlman, Dan Heu, Ahn Lam, Mike Gadberry, Brian Watkins, Toby Roberts, Trent McCoy, Steve Grace, James DeVaney, Chris Icade, Craig Potts, Tim Gregory, Larry Lee, Sam Hutson, Jason Block, Dale Ray, Chuck Hooper, Brandon Cordts, Brent Kreder, Bob Woodley, Kendal Willis, Brian Billings, Bob Horner, Rob Beutel, Darrel Hake, Paul Stallman.

Ninth Floor Sitting: Venessa White, Yolanda Luster, Angel Smith, Becky Lema, Tara McGaugh, Jeannine DuBuque, Elizabeth Lang, Dana Brewer, Megan Lay, Tanya Falke, Peggy Waeltermann, Mary Illy, Clarinda Aguon.
Standing: Cynthia Stover, Dana Salzman, Lesley Osick, Mary Windish, Julie Stewart, Leigh Reisinger, Teresa Cathey, Karen Bridegroom, Kerrie Blazek, Patricia Cuartas-Villegas, Tricia VanDiggelen, Carla Vest, Kimberly Beussink, Carol Martin, Catherine Lunde, Tamara Banks.



Photo by S. Dyer

10 & 11 SOUTH

Ten South First Row: Roger Yunger, Tom Smith, Scott Hinter, Nate Tormala, Greg Bonney, Scott Maycock, Jim Duey. **Second Row:** Dan Karraker, Mark Rapetto, Jim Arrowsmith, Brook Harmon, Brad Chambon, Randy Calabio, Brent Clark, Luke Peterson, Dan Griffith.



Eleven South Front Row: Rod Milam, Craig Hindle, Keith Dixon, Tim Frecherickson, Sedney Attia, Bill Elliot, Bryce Meyer, James Gawedenski. **Middle Row:** Justin Apperson, Henry Robinson, Scott Friend, Jay Doster, Mike Horak, Robert Hepler. **Back Row:** Brent Patterson, Eric Ward, Eric Weber, Greg Pritchett, Marc Horkohl.

Photo by Glen Halley

2 & 3 NORTH

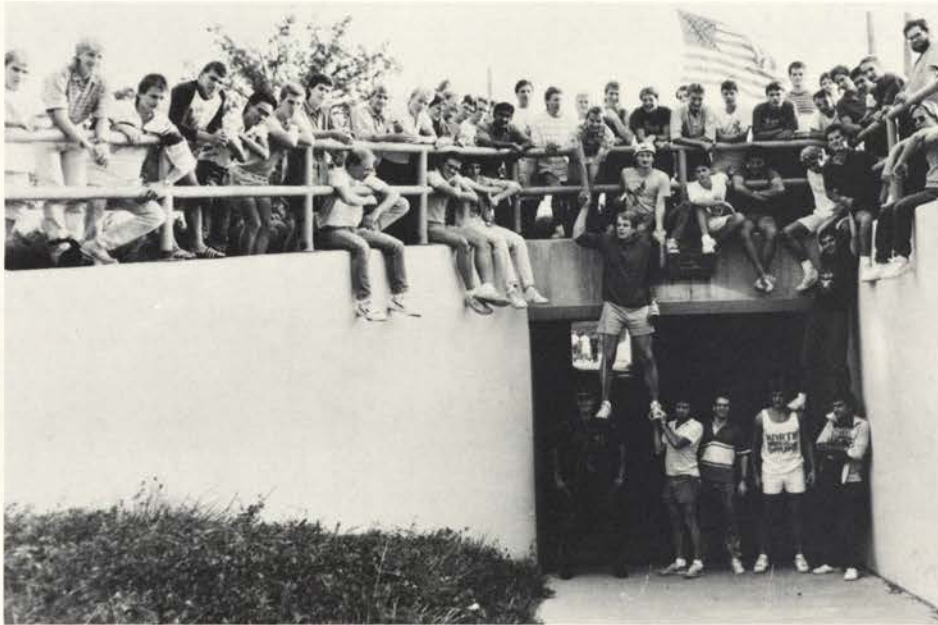


Photo by Andreas Bartels

Two North First Row (from top to bottom): Steve Vekceovich, Jay Winkeler, Mike Thomas, Kevin Kluesner, Quynh Tran, Tom Hawkins, Aaron Rezendez, Steve Needles, Mark Johnson, Chris Jones, Tim Lafser, Pat Portell, Craig Cullen, Mike Portell, Manish Amin, David Guiot, Ed Grimmer, Jason Sondergrath, John Young, Tim Oden, Mark Kipping, Bryan Files, Jim Hiid, James Davis, Chris Leach, Keith Morris, Jim Fish, Willie Jacobs, Stephen Gentry, Eric Pfitzinger, Walker Fitzroy, Rich Wilson. **Second Row (sitting on wall):** Eric Abel, Chris Cavin, Tim Ragan, Charles Green, Marc Cinco, Mike Drouin, Scott Turpin, Jim Nunley, Devin Herring. **Third Row:** Jim Deines, Rich Powell. **Fourth Row:** Steve Halsey, Eric Clevenger, Todd Ohlms, Tim Bequette, Bob Gaschen.

Three North First Row: Paul West, Jason Porter, Jerry Boyle, Mark Pritchard, Dan Schmitz, Jon Tyree, Tim Bergfeld, John Glaubius, Loren Whetsell, Mike Rustemeyer, Jim D'Andrea, Derek Meyer, Ron Covington, Kevin Wood. **Second Row:** Scott Johnson, Greg Poettgen, Carl DeBrock, Dave Hokanson, Keith Kaletta, Scott Subbert, Kevin Hollander, Greg Bradley, Tim Davis, Gary Jacquin, Kirk Uhlmann, Bill Czarnic, Paul Burk, Greg Martin, Doug Randoiff Jr., Don Hinds, Jay Robinson.



Photo by Dan Gawedzinski

4 & 5 NORTH

Four North Row One (Standing): Dan Hooten, Mike Murrell, David Johnson, Jeff Stephens, Gary Skaggs, Steve Howard, Jim Griffith, Sean Straub, Eric Bonk, Bruce Borcharding, Paul Bozdech, Brian Lohman, Jeff Winders, Todd Lewis, Joel Philliber, Mike Doss, Greg Davis, Scott Virtue, Edward Bavalolar, Don Harris, Frank Simon. **Row Two:** Jack West, Rob Daly, Joe Gwiazdowski, Eddie Burke, John Ridge, Rick Jennings, Jon Clark, Jeff Bee.



Photo by Glen Halley



Names Not Available

P Photo by Rick Spurlock

6 & 7 NORTH



Photo by Andreas Bartels

Six North Diving Board: Steve Wolf, Brian Est, Dave Enke, Scott Mosher, Mark Strausbaugh, Mike Heqton. **Back Row:** Scott Leigh, Scott Sorrell, Chuck Kincy, Spencer Dickinson, Glenn Shonkweiler, Paul Pickett, Chris Talbott, Ronald Platz. **Middle Row:** Bob Bernoteit, Jerro Fiscus, John Jercinovic, Todd Sittig, Bill Jones, Mike Kraemer, Curt Schroeder, Troy Tschirhart. **Front Row:** Scott Biermann, Rich James, Pat Shannon, Jeff Herbst, Ken Li, Kevin Dilg, Rich Bell, Gary Davis.

Names Not Available



Photo by Eric Ward

KELLY & MAC HALL

Kelly Hall Top Row: Bart Zorchets, Derek Cornwell, Jim Palmer, John Luce, Jeff Cooley, Tim Walls. **Middle Row:** Travis Scott, John Adrian, Sammy Hagar, John Brandt, Mitch Gassner. **Bottom Row:** Cliff Bishop, Mark Woods, Brian Clem, Steve Auckly, Mark Sanzottera, Terry Dulap.



Names Not Available



QUAD & TJ RA's





Sports



J. McHaney



Sports

Varsity	104
Intramurals	140

"Wild" Bill Smith puts the skills learned as sports editor of the **ROL-LAMO** to good use.

UMR's track and field athletes had the best performance of all the sports here at UMR, shattering many records.

WOMEN'S CROSS COUNTRY

Exceptional Performances



D. Gawedzinski

Nearing the finish line, Amy Volmert takes the lead from two opponents. A future Rollamo photographer sets up for a perfect shot.

The Lady Miners Cross Country team pulled together this year to give some exciting performances. They each worked 100% all season to bring the team a 4th place finish in the MIAA, which was their highest ever.

Consistently heading the team were senior Julie Board, and juniors Chrissy Adkisson and Debbie Klaus. Board has been team MVP for the last four years and has been top runner for UMR in every meet but one during her entire career in Cross Country at UMR.

As a junior, Board qualified for Nationals. She finished 35th overall with a time of 18:20, her personal best. In 1988, Board finished 6th in the conference and 8th in the Great Lakes Regional tournament.

Adkisson and Klaus have

done very well at every meet. According to Coach Sarah Preston, "[they] will provide the experience and leadership we will need to build a new team next season."

Amy Volmert, returning from an injury, had the best season of her collegiate career. She finished in 13th place in the the MIAA finals, and made All-Conference.

The Miners' rival team and toughest opponent was Southeast Missouri State who finished 5th at Nationals. SEMO's top runner won first in the MIAA, Great Lakes Regional, and NCAA Division II Nationals.

The most vivid memory for Coach Preston was the October day in Rolla when the Miners tackled an extremely tough course and finished 4th place in the MIAA.

Putting together a team for next year will not be hard with only a few members graduating this year. Hopefully, everyone else will come back next year and improve on an already great season.



D. Gawedzinski

UMR Women's Cross Country 1st Row: Coach S. Preston, A. Volmert, T. Cowdrey, J. Board. **2nd Row:** C. Adkisson, J. Jackson, D. Sauer, D. Klaus.



Preparing to blaze past her tiring opponents on flat ground is Julie Board.

D. Gawedzinski



Conquering the hill and taking the lead are Debbie Sauer, Terrie Cowdrey, and Amy Volmert.

B. Booth

Below left: Emerging in the lead around the tree, Julie Board shows that she can handle the course well.

Eyeing the uphill stretch ahead of her, Debbie Klaus paces herself.



B. Booth



D. Gawedzinski

MEN'S CROSS COUNTRY

Young Team Has Good Start

For a team made up mostly of underclassmen and one senior, the UMR Men's Cross Country team did well throughout the season. They finished fourth in the MIAA and fourth at the Miner Invitational.

With Tim Bauer, a leading runner at the start of the season, out for much of the season with a bad ankle, the Miners still worked hard and only let three teams beat them out at the Miner Invitational. This proved that at conference time at the end of the season, the Miners would be ready.

This turned out to be the case when the Miners took fourth at the conference tourney, even with Bauer still out. Ron Rosner finished fourth with a personal record time of 33:11. He was also an All-Conference runner.

Coach Dewey Allgood really looks forward to coaching an experienced team next year. He expects big things from sophomores John Conrad and Joe Stemler, both of whom competed excellently in the meets this year.

Coach Allgood believes that the team did as well as they did because they were having fun; and he invites others who enjoy running to try cross country.



UMR Men's Cross Country 1st Row: T. Bauer, J. Stemler, J. Conrad, R. Rosner **2nd Row:** Coach D. Allgood,

K. Kimmel, M. Adams, K. Schoby, W. Jacobs, F. Wildhaber, J. Sauer

B. Booth

D. Gawedzinski



Watching his footing while rounding the tree is freshman Willy Jacobs.



Multitudes of runners try to get the edge at the starting line of the Miner Invitational.



Passing the fence near the end of the first lap is Tim Bauer.

Ron Rosner, flanked by Joe Stemler, treads his way up the hill.



Photos by B. Booth

WOMEN'S SOCCER

New Coach, New Season

The Lady Miners soccer team had an uphill battle from day one. First of all, they had a new coach in Robert Boucher. Secondly, the team was missing some key players from last year and had a tremendous schedule. All this could explain a 3-12-1 record, but the team has potential to do much better next year.

The team had a very slow start; they ran away with three of their last five games. The other two games were only lost by one goal. Hopefully, the Miners can keep this momentum going through next season.

Even though the team did not stand out that much most of the season, there were some stars who showed much soccer skill. Sally Puhlick, a junior in the midfield, led the team in scoring and assists. A transfer student and junior, Mary Eise has shown ability and has played the field well with many goals and assists.

Next year, Boucher is expecting Puhlick, Eise, Gina Dressel, Lisa Tieber, and Lisa Burwell to keep the team going on a fast, winning pace.



P. Shannon

Running right along the foul line, Mary Eise keeps the ball in play.



E. Norton

Dodging her opponent, Mary Eise tries to advance the ball across the field.



P. Shannon



J. McHaney

Stealing the ball away from a slow opponent is Sally Puhlick, team MVP.

Securing herself to be sandwiched between two Arkansas State players, Dianna Weil protects the ball.



P. Shannon

After spotting her teammates downfield, Michelle Ditton fires the ball into play.

Relaxing with ice cold water between halves, Dianna Weil catches Coach Boucher's pep talk.



Racing the goalie and another opponent to the ball, Marijo Dimmick tries to score.

E. Norton

MEN'S SOCCER

Played Hard, Good Defense

For first year coach Robert Boucher, the Miner Men's Soccer team worked hard and has much promise for next year. The defensive playing was very tough and consistently held the opponents to two goals or less.

In two separate games, the Miners stopped all the shots on goal except for penalty kicks. Unfortunately, both games were lost as the Miners were shut out.

"If we had won both those games, it would have meant a lot to us in the conference and otherwise," said Boucher.

Overall, Boucher was very pleased with the performance of the team. He expects to see a winning season next year with some of this year's star players coming back to lead.

Senior Kurt O'Brien tied the season scoring record and broke the all-time total goals

scored. He also led the MIAA in individual scoring.

Four out of five all-conference players are returning next year. Co-captains Carl Jung and Tim Sanders, both excellent defensive seniors, will be back next year. Also returning are goalie Steve Temme, forward Kurt O'Brien, and mid-fielder Mike Balassi.

After losing the home opener in overtime, the Miners fought hard throughout the rest of the season and played some very good soccer.



J. McHaney

Tim Sanders knows no bounds when it comes to helping the team in tight situations.

UMR Men's Soccer 1st Row: K. Stecher, M. Vorwerk, D. Tieber, T. Koscielski, S. Temme, B. Green, M. Balassi, J. Schaeffer, T. Chojnacki, L. Youst **2nd Row:** Coach B. Boucher, C. Jung, E. Hauser (co-captain), B.

Schwer, T. Bereswell, B. Schneider, K. O'Brien, B. Guenther, S. Campbell, M. Becher, T. Saunders (co-captain), T. Hughes **Not Pictured:** L. Frans, M. Krobath, M. Stephens



E. Norton



J. McHaney



M. Schmid

An opposing goalie dives too late to save a Miner goal.

Guarded by the enemy, Tim Chojnacki looks for an open path to the goal.



E. Norton

Stretching out properly before a big game is goalie Brent Green.

Bodies go flying upward to head the ball as it comes down toward the Miner goal.



J. McHaney

WATER POLO

Competitive With The Best

Coach Mark Mullin has seen a water polo team that should be envied this year. Considering they have played some of the best collegiate teams in the country, the 8-5 record is tremendous for a team in a club/non-varsity sport.

The UMR Water Polo team has been around for just a few years as a non-varsity sport, but it has been doing well in competing against some top colleges. The Miners toughest competition was Loyola and Arkansas-Little Rock, both of which are ranked in the top ten Division I Water Polo teams nationally.

During the season, the water polo team went to four tournaments. They won the SIU tournament and had a 2-1 record in the Indiana tournament, beating Michigan and Northwestern.

This year, many good starters were gone, but the new players easily fit in

their positions. Mullin feels that those players coming back next year, such as Tim Streb and Rich Berger, will really give a boost to the team and they may put up a bigger fight to the "Big College" teams.



Photos by J. McHaney

Concerned about the meet in progress and deep in thought is Coach Mullin.

Hands and bodies rise out of the water as the Miners try to protect their goal from an opposing offensive.



The Miner goalie save a shot on goal and prepares to throw the ball back in play.



J. McHaney

Coach Mullin encourages the team and tells them how to get past the enemy's defenses.



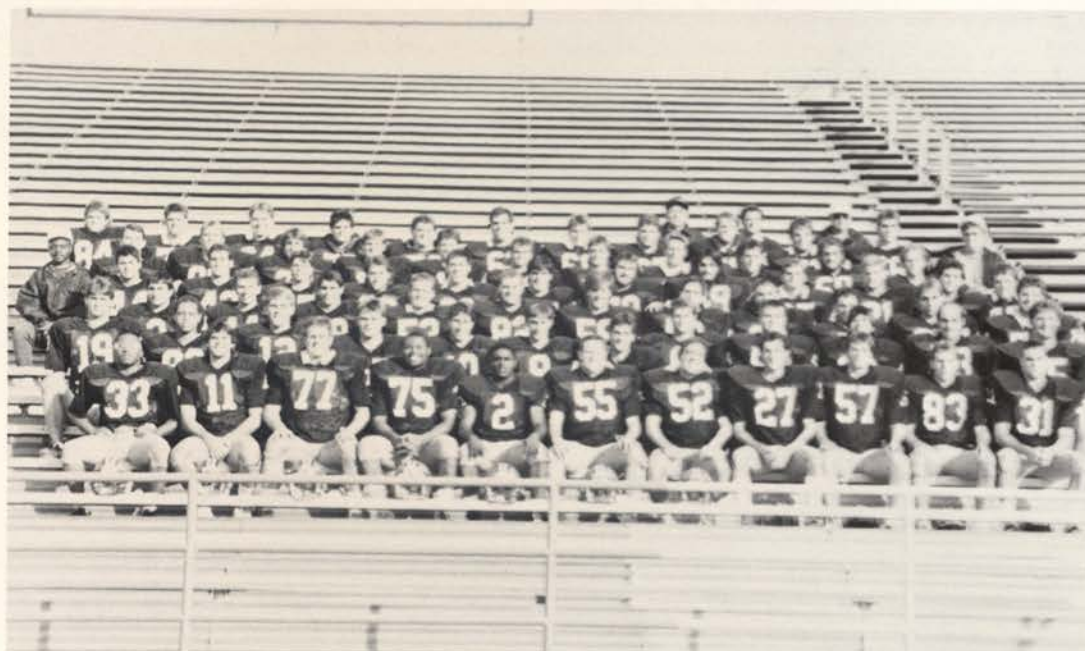
J. McHaney



J. McHaney

A High-Five after the Miners score an important shot against Arkansas-Little Rock.

FOOTBALL



T. M. Schmid

Football 1st Row: A. Mathews, T. Dinsdale, J. Frerking, L. Payne, A. Hudson, R. Tyson, C. Roth, J. Zacney, K. Lanier, C. Beach, L. Galway **2nd Row:** R. Reimer, M. Chandler, C. Courtney, V. Kimball, G. Dennis, P. Reiser, B. Goodman, M. Diamond, B. Augustyn, A. Nagy, S. O'Donnell, T. Sullivan **3rd Row:** T. Oberle, J. Lewis, J. Meyers, J. Hentges, B. Arthaud, M. Swinford, C. Hubbs, M. Noble, R. Mullinax, J. Schmidt, A. Storms **4th Row:** Coach T. Boulware, T. Bubien, D. Herzberg, R. Noble,

R. Harmon, T. Young, P. Russell, C. Boone, K. Riggs, B. Talley, K. Daniels, K. St. Gemme, D. Newberry **5th Row:** P. Zerkel, B. Reigel, M. Vehige, B. Haug, T. Minnick, K. Underwood, Q. Kasten, G. Suellentrop, J. Armstrong, M. Widman, A. Lampe **6th Row:** J. Peterson, T. Parks, D. Christensen, J. Pfeiffer, B. Johnson, G. Kouba, S. Adams, B. Sitton, M. Wojtal, E. Crumpecker, J. Demand, J. Forbes (Equip. Mgr.) **Back:** Coaches C. Finley, J. Stephens, and J. Keeton

An Eventful Season

The 1988 Miner Football season did not end up quite as well as the team expected. The up-setting 2 - 8 season did have some good points, though. The team did finish with bright memories, including a chance to experience playing in a pro stadium: Busch Stadium in St. Louis.

The 1988 Homecoming game brought an end to a long streak of losing Homecoming games. The Miners defeated Southwest Baptist by a score of 31 to 20, also their first win of the season.

The Miners scored on their first possession, and foiled a two point conversion attempt by Southwest Baptist early in

the game. The team corrected mistakes of earlier games, making this year's Homecoming game one of the most exciting games of the season.

The Miners were picked to finish 4th in the MIAA in the pre-season polls. That is where

they ended the season, but Coach Charlie Finley and several others had higher expectations. He knew that they had to face some tough opponents but felt the team was up to the challenge.

In the Lincoln U. upset, the

true talent of the team showed through. The defense held Lincoln scoreless and stopped many attempts at any advance. The Miners' offense rushed for a total of 430 yards: a season record. Jim Zacney finished the game as the school's all-time scoring leader.

The most memorable event of the '88 season was the game played at Busch Stadium. The loss to SEMO didn't phase players or fans. They all seemed content just to have the team play in a professional stadium.

Tom Minnick, Bill Johnson, John Buttenob, Mike Noble, and Bret Riegel were elected as co-captains for the 1989 season by their teammates. Coach Finley expects much from these fine players for the 1989 season.

Running Back Randy Mullinax breaks away from the tight grip of Pitt State.



R. G. Halley



J. McHaney

Nose guard Kevin Riggs lends a helping hand to a fallen opponent after stopping him cold at the line of scrimmage.



G. Halley

Quarterback Tom Minnick sweeps out to his flank in the home game against Pitt State.



J. McHaney

Coach Finley leads the team onto the field.



J. McHaney

Ted Bubien and Lou Galway team up to take down the ball carrier short of a first down.

HOMECOMING

The Game

The Stadium was packed with the UMR Homecoming crowd, all hoping that their football team could put all its troubles in the past and win this one. For the weekend would not be the same if the team was to lose since many of the Homecoming activities revolved around the football game.

The Football Miners had no intention of letting anybody down and gave the home crowd a lot to cheer about as they recorded a 31-20 victory over Southwest Baptist — the first win this season bringing them to 1-4, 1-0 in the MIAA.

The Miners seemed to be a different team than that of weeks past. They looked more powerful and executed very well. The key was that they made very few mistakes; mistakes have hampered this football team from the onset of the season.

The Miners capitalized on their first possession, marching the ball down the field for a touchdown. Even though Southwest Baptist did the same, they failed to score on a two point conversion attempt. Thus, the Miners had a 7-6 advantage, a lead that would not be relinquished for the remainder of the game.

Mark Paris, having one of his better days, led the Miners with two touchdown runs of 1 and 5 yards. However, all the credit cannot be given to one individual. The entire team looked very impressive throughout the game. The defense played just as well as the offense, keeping Southwest Baptist out of the end zone until the end of the game.

Source: Babu Barat, Missouri Miner



Photos by S. Sorrell

Defensivemen Mike Noble and John Meyers close in on a Southwest Baptist running back to stop the first down.

Performing with the Miner Marching Band during halftime, is marching baritone player Marty Tippin.



Referees clear Miner and Southwest Baptist players from the stack-up to find out who has the football.





Crowds cheer for their favorite runner as the pajama racers near the finish line in a close heat.



The Delts prepare their star pajama racer for the pre-game activity.



S. Sorrell

One lone balloon dares to peek out before hundreds like it were launched into the air to commence Homecoming.



Flags of the United States, Missouri, and the University of Missouri are displayed for the national anthem.



D. Gawedzinski

Winning 3rd Place in both their lawn display and non-float entry "Parade in the Shade" was Alpha Epsilon Pi.



B. Booth

Over thirty people sacrificed their bodies for the sport of Twister. Here, three is just enough to cover the mat.



S. Sorrell

Chancellor Martin Jiske and Vice Chancellor Wendell Ogrosky greet Jennifer Peterson as she is crowned Homecoming Queen 1988.

The Festivities

Before and after the Homecoming game in which the Miners pleased their fans with a 31-20 victory over Southwest Baptist, the Student Union Board sponsored many events to make the week interesting and increase student participation.

The entire week before the game was filled with little contests and demonstrations such as the "Joe Miner Look-Alike", an ice cream eating contest, and a twister tournament.

After the football game, a Homecoming parade went through the streets of Rolla. Fraternities, sororities, and other organizations built floats to the theme of "Days of Old and Future Gold."



Heading up the Homecoming Parade are the sponsors, the Student Union Board.



At the end, the parade floats are piled up and await the torch of the bonfire.



The Sig Eps seem to know how to make a float entry and take it easy. Keep that crash helmet on, though!

Photos by D. Gawedzinski

WOMEN'S BASKETBALL



Courtesy of Athletic Dept.

UMR Women's Basketball 1st Row: J. Schner, C. Farrington, C. Engstrom, S. Conyers, J. Cordes 2nd Row: K. Politte, J. Grotenhuis, S. Spencer, A. Keck, M. Pudlowski, T. Van Diggelen, C. Neal, T. Hough.

Very Good Young Players

Going to a tournament in the Bahamas and finishing 9-5 in conference play will only be a couple of the memories the Lady Miners Basketball team will have this year. For a young team, they did very well against some of the toughest teams in the country.

The Miners opened up the season by taking the Thanksgiving Tournament at Southern Indiana. Coach Mary Ortelee was very impressed because they played some teams that were ranked in the top twenty nationally in Division II.

One leader on the team was senior Tanya Hough. "Tank" set the school's career scoring and rebounding records this season. She will be greatly missed when she graduates. Also graduating is long-time player Mary Pudlowski.

Of the teams total nine losses, six of them were to teams in the top 20. Some other tough teams the Miners played were Central Missouri, Southeast Missouri, and West Texas State.

Finishing the season in 3rd place in the conference with a 9-5 record, the Miners will have to work hard to improve next year. Ortelee believes that seniors Colette Neal and Jennifer Cordes will be two very strong leaders on next year's squad.

About the team's trip to the Bahamas, Ortelee said, "We played three games against some excellent competition. The trip was one of the most enjoyable times I have experienced as a coach. We practiced, played, and relaxed in a great atmosphere."

From the sidelines, Coach Ortelee studies the game so she can give suggestions to the team.



J. McHaney



E. Ward

Her dazed opponents no match for her, Sarah Conyers connects with the goal.



J. McHaney

Easily out-manuevering her opponents, Casey Engstrom jumps and shoots to put the Miners up by two points.

Waiting for her teammates to set up for the next play, Jennifer Cordes distracts an adversary.



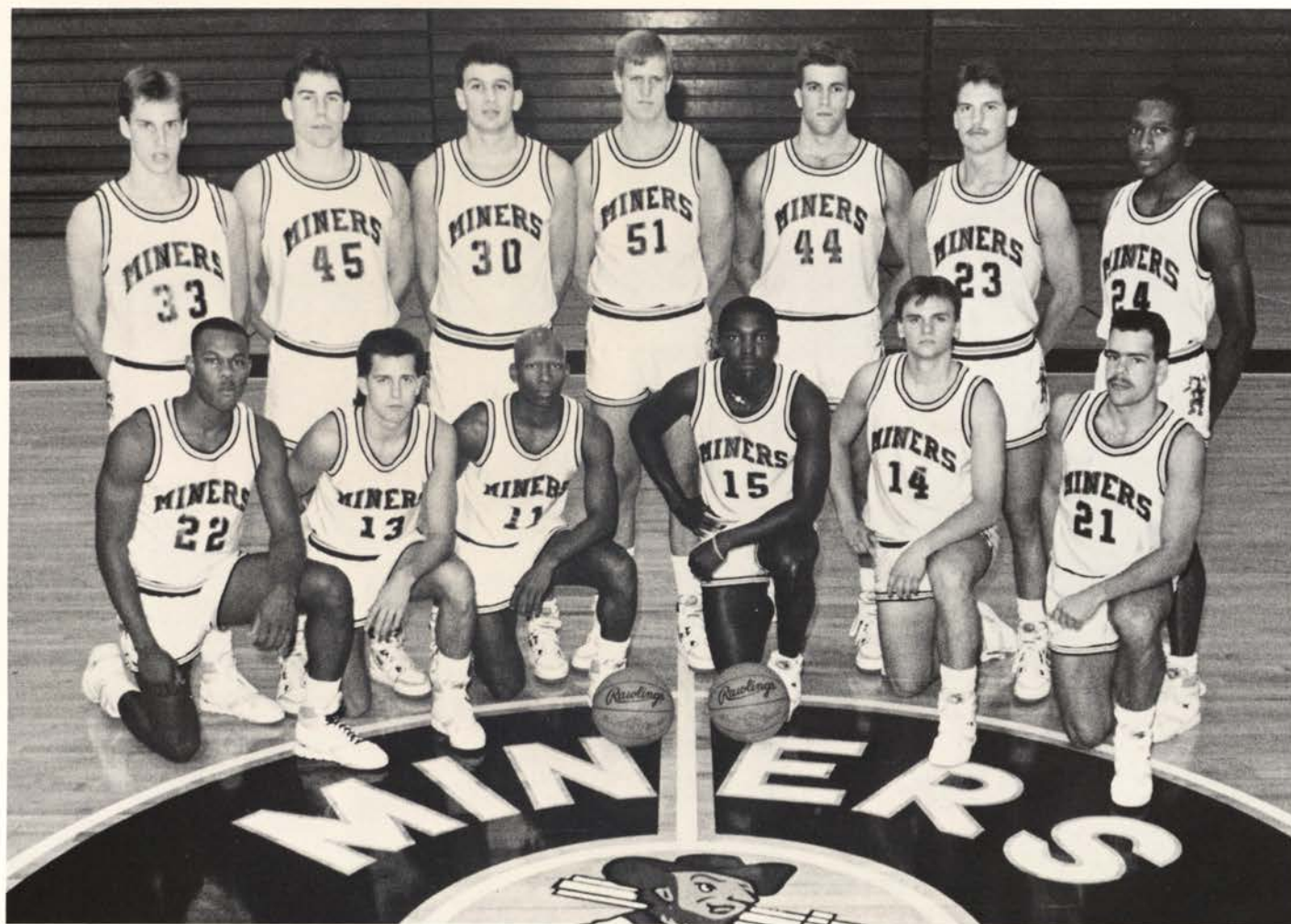
J. McHaney

Determined to make a fast break, Tricia Van Diggelen zips to the opposite court and to the basket.



E. Ward

MEN'S BASKETBALL



UMR Men's Basketball 1st Row: W. McCauley, S. Wands, A. Davis, E. Brooks, D. Smith, M. Parmeley 2nd Row: P. Neeman, T. Hudwalker, G. Miller, A. Griffey, C. Schneider, G. Sallee, T. Wofford.

Miners on the bench, hoping to play soon, study the strategy and mistakes of the men in the game.



Tough Competition

The Men's Basketball Miners usually could not hold on to the close games, which happened to be a great many; but Coach Dale Martin felt that the team improved with each game. According to Martin, the team had a very tough schedule for as young of team as they had. The Miners still worked hard and showed they had ability.

The Miner basketball rival Southeast Missouri was a tough team, taking two games from the Miners. SEMO played very well all year, but were beaten in the NCAA finals.

Martin was happy with a win over UMSL, a big game in which the Miners came from behind early and held a lead throughout the game.

One major disappointment for the Miners was a loss to Southwest Baptist. The winning shot for SBU was from behind the backboard. Another was losing 72-62 to Northeast Missouri after leading by nine points early in the second half.

Next year's team will be a sophomore dominated one as senior Adrian Davis graduates. Davis will be sorely missed since he led the team both on and off the floor. Martin is still confident that the Miners of '89-'90 will be even more exciting to watch.



T. Davis

Tony Wofford leaps into the air to place a perfect backboard throw as his opponents crowd him.



After witnessing the winning shot of the game, Dale Martin expresses his amazement.

Wide open after a fast break, Eric Brooks prepares to slam another 2 pointer into the basket.

J. McHaney



T. Davis

SWIMMING & DIVING

Strong Team Effort

Finishing on a 9-2 record was only one of the many high points the UMR Swimming and Diving team had to be proud of this past season. The Miners overcame a strong field of eleven teams at the Heartland Swimming and Diving Championships, hosted in Rolla, to claim their final team victory of the season. Perhaps most satisfying to the team and Coach Mark Mullin was upsetting National NAIA Champion Drury.

Coach Mullin attributes the key to the Miners' success to consistent, team-wide effort. At some meets, no single athlete would post a remarkable performance, yet the team as a whole emerged on top. Quality of performance and strong depth in the team were often the winning edge. Mullin believes this across-the-board strength was the secret to such a good season.

Strong team effort doesn't mean that no individuals shined. The Miners qualified two swimmers for the National

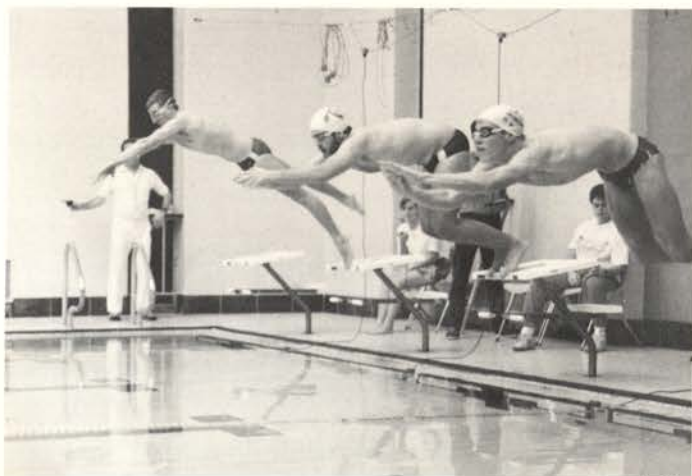
meet. Freshmen Mark Cresswell and Jeff Kuta both competed at Nationals, held in Buffalo, N. Y. Cresswell had performed brilliantly all season, dominating his events at dual meets and breaking school records in two events. At Nationals, he was chosen as All-American for his strong third-place finish in the 1650-yd freestyle. In addition, Cresswell was elected by his teammates as the season's Most Valuable Player. For his ninth-place finish in Nationals, Kuta made Honorable Mention All-American.

With this kind of strength in the freshman class, Coach Mullin is understandably optimistic about next year's prospects. The team effort displayed this season will remain a major factor in the Miner's competitiveness. The team will be boosted by the return of freshmen Cresswell and Kuta, as well as by seniors Bob Phillips, Tim Kreb, and Rob Wagner.



T. Davis

Complete with mohawk, Jeff Kuta gets in the set position while Steve Strah is behind him for the second lap in Omaha, Neb.



J. King

At the sound of the gun Mike Stus (front) tries to get that jump on the rest of the swimmers.

Tim Streb shows off the inspiring psyche poster put up at the invitational in Omaha, Neb.



T. Davis

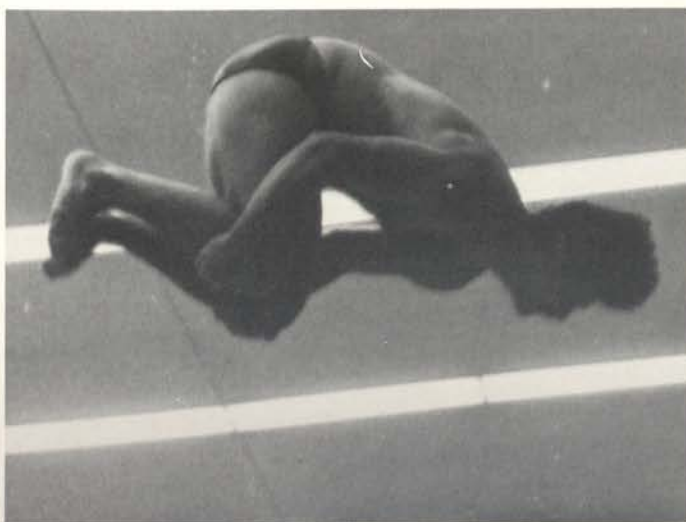
The team celebrates heavily after winning the Midwest Championships.

Preparing to swim the 400 in the Midwest finals is freshman Jeff Bilyeu.



T. Davis

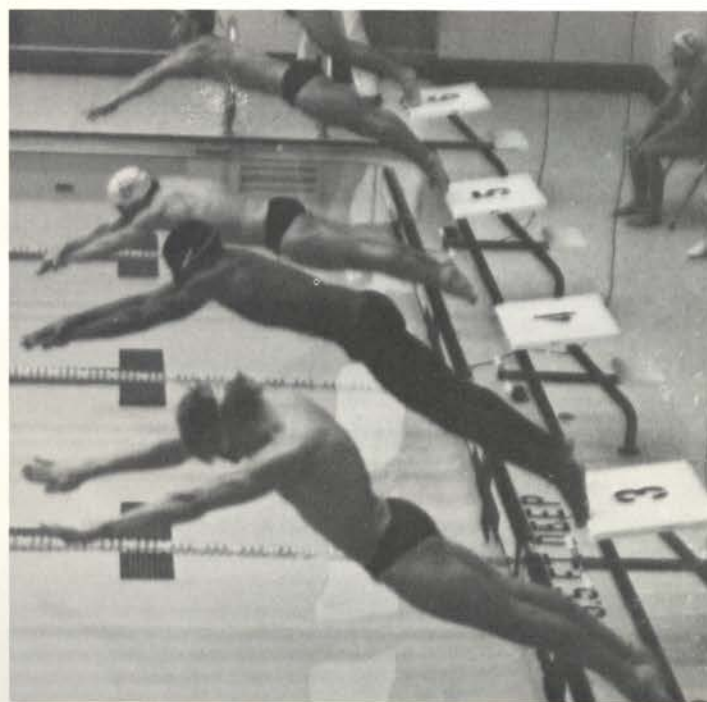
For a brief moment in time, all eyes are on Tim Davis as he flips and spins before hitting the water with a tremendous dive.



J. King



Flying from the starting blocks, Jeff Kuta (block 2) and Tim Streb (block 4) are neck-and-neck with the competition.



RUGBY



Miner Rugby 1st Row: D. Bushey, G. Wallace, D. Reddington, T. Wolters, M. Smith, M. Durham, M. Ulrich, B. Pollack **2nd Row:** R. Schmidt (Capt.), G. Grzeskowiak, J. Linesberry, C. Taylor, B. Rolli, J. Pope (Pres.), B. Kronschnabel, A. Ayers, N. Tenbrook, P. Frerking, J. Finke (Capt.)

G. Halley

State Champs Lose Big Players

The Miner Rugby team that was State Champions from the Spring '88 season lost a few key players and could not pull it off again. The team, after winning the first finals game against St. Louis University, lost the second one to Southeast Missouri, who ended up going to Nationals in Lawrence, Kansas.

One major reason the team didn't place as well this year is that they lost more than eight players to Spring and Fall graduations. Although the Fall '88 season brought about 45 players, many of them were new. The Spring '89 season saw the loss of a lot of players, both new and old.

The regular season games usually went well. During St. Pats, the Miner Rugby team beat the Royals, a club team, by a score of 17-6. Unfortunately, many opposing teams backed out of scheduled games, and the Miners couldn't count on a continuous season.

Brian Rolli heads up the line for the Miners as the ball is thrown back into play.

The scrum moves slowly downfield as teammates from both sides wait for the ball to roll out.



B. Booth



B. Booth



B. Booth

Just as Aaron Ayers prepares to tackle him, an opposing player drops the ball in fear.



With the ball in the air, players from all directions squeeze into one spot to try to take control.

The enemy closes in on Brian Rolli before he can kick the ball through the goal posts.



RIFLE TEAM

#1 In State

The UMR Rifle team repeated last year's performance by remaining state champs. They even did this with new coach MSG John Woolard, and without two key members from last year.

None of the competition was any sweat to the Miner team, according to Woolard. He also said about an MVP, "all of them. They worked together like a well oiled machine."

The team carried Woolard through the season by doing great in all their matches. Since he was new, he was very grateful that he didn't have to put in much work building up the team.

Woolard believes that next years schedule will be much harder because the other teams in the conference are getting better. He is expecting members like Paul Luebke and Todd Eisenhower to push the team for several seasons to come.



Scoping out his target like an engineer should, this man determines the exact angle and distance to his target.

Mike Neaf exhibits the proper technique for shooting a rifle at the Rifle Team sponsored Turkey Shoot.



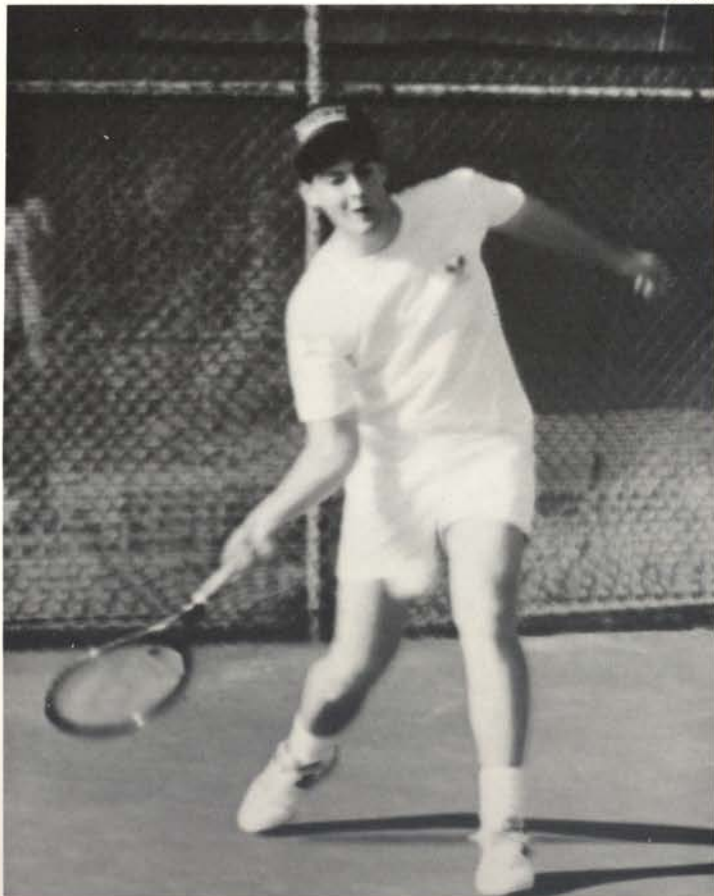
A. Bartels

TENNIS



T. Davis

UMR Tennis 1st Row: Jay Hertel, Jon Johnson, Joshua Prince **2nd Row:** Coach Don Stringfellow, Chris Reed, Kyle Meyer, Tim Robinson, Brian Berkstresser



T. Davis

Preparing to return the serve to the far side of the opposite court is Kyle Meyer.

The home court of the UMR Miner Tennis team stands waiting for the next meet.



J. McHaney

SOFTBALL



Softball 1st Row: G. Marnatti, K. Dale, T. Kuhne, A. Honse, N. Wehmeyer, L. Korba, L. Burwell, T. Feeler. **2nd Row:** S. McCorkle, T. Dickenson, J. Stratman, K. Weber, J. Cordes, C. Bredemann, B. Wehmeyer, C. Bough, T. Schofield, Coach Leveck. **Not pictured:** Asst. Coach L. Hadler.

Photos by B. Booth

Lady Miners Finish Big

The 1989 season started slowly but quickly turned around for the UMR softball team. After losing several close games early, the Lady Miners closed out the season by winning twelve of their last fourteen regular-season games.

Although finishing just below the .500 mark at 20-21, the team nevertheless posted some impressive numbers.

Led by senior centerfielder Nancy Wehmeyer, the Lady Miners finished third in both the University of Missouri-Columbia tournament and the MIAA Conference Tournament, upsetting the top-seeded team in both.

In the William Woods Tournament, in which the team finished 3-2, senior Angie Honse was named Most Valuable Player and junior Caroline Bredeman was selected to the 1st team All-Tournament Team.

Throughout the season, several nationally ranked teams fell at the hands of the Lady

Miners. Also, in defeating Southwest Missouri State once, and St. Louis University and the University of Missouri-Kansas City twice, the team won five out of six games against Division I teams.

The final honors of the season were handed out with the announcement of the all-MIAA selections. Honse was named 1st team catcher and Wehmeyer and sophomore Teresa Dickenson were named to the 2nd team outfield. Juniors Kristy Weber, Caroline Bredemann, Lisa Burwell, and sophomore Joann Stratmann all received honorable mention.

With several players returning next season, the Lady Miners are looking to climb over the .500 mark and beyond.



Senior Nancy Wehmeyer connects for another base hit.



Coach Leveck takes a close look at the game situation.



Sophomore Joann Stratman fires home for one more strike-out.



Lisa Korba throws to first for another out.

Teri Schofield is ready for anything.



Some of the Lady Miners laugh it up after a hard-fought victory.

BASEBALL

Year's End Comeback

The UMR Miner baseball team's third-place conference finish and 7-19-1 overall record for the season were perhaps not what the team would have liked, but if the season's progress is any indication, the Miners should be much more formidable next year.

Coming off an early string of losses, the team fought back late in the season to post victories, notably doubleheader sweeps from Southwest Baptist and Lincoln. Another late-season highlight was a double-header split with Southwest Missouri's nationally ranked Division I team. This win was especially sweet as the Miners defeated a top NIAA pitching talent in the game.

The baseball team's progress during the season can best be attributed to it's major characteristic: youth. This year saw the youngest Miner squad in many years. Fully fifteen men on the twenty-two man squad were first year players. While this situation meant brought problems early in the season, performance improved as the players settled in and became accustomed to each other's style. Most importantly, a

youthful team holds great promise for the future.

Youth was not the only characteristic of this year's team. Speed was definitely another. Once the Miners had men on base, they became deadly. In the final doubleheader against Lincoln, the Miners stole fifteen bases in sixteen attempts. This was typical of the season. This kind of success drew from a combination of team speed and Coach Gene Green's aggressive strategy on the field.

Of the team members, Bret Voypick and Dan Daily were singled out as Most Valuable Players. Catcher Voypick hit .322 during the season and was praised by Green for a great job behind the plate. Centerfielder Daily ended the season with a .354 average. In Green's view, Daily was the best defensive centerfielder in the MIAA.

Voypick will be returning next season to lead the Miners in another shot at victory. As the youthful UMR team gains experience and confidence, everyone should expect to see exciting things on the Miner diamond.



First base coach Greg Brummer checks out the next batter before he hits.



UMR Baseball 1st Row: C. Johnston, C. Daugherty, B. Voypick, C. Silies, R. Hicks
2nd Row: C. Courtney, D. Daily, R. Harmon, J. Lehmbeck, W. Theissen, G. Shonkwiler
3rd Row: R. Rohlfing, S. Ruffing, K. Grantham, T. Hart, D. Masterson, G. Weible
4th Row: J. Steibel, G. Rubel, Asst. Coach M. Steagall, Head Coach G. Green, Asst. Coach G. Brummer, A. Matthews
Not Pictured: K. Dry, B. Zoltowski, M. Teel, J. Swift

J. McHaney

Seeing a potential steal attempt, catcher Bret Voypick straightens up to gun the runner down at second.



J. McHaney

Clint Johnson has an easy out as the throw from the pitcher catches the runner way off base.



Resolved to pitch one past this batter, Glen Weible winds up while Kirk Grantham looks on.



Pulling a fast ball into left field, Wes Theissen gets a single.

B. Booth

GOLF

Best Ball Victors

The UMR Varsity Golf team had an excellent year, finishing third in the MIAA conference, slightly off last year's performance.

"I would say that our high point of the season came during the Best Ball Tournament here at Oak Meadow [UMR's home course]," stated coach "Bud" Mercier. "Jeff Leonard shot really well and we won the tournament."

Victory in this year's Best Ball Tournament ended two years of frustration for the golfing Miners, who had tied for first place with UMSL only to be edged out during sudden

death decisions both years.

The Best Ball Tournament is a match in which the individual members of each team shoot, and then play from the location of the best shot.

The team won one other tourney, hosted by SLU.

The team's most valuable player this year was Jeff Leonard, who averaged scores in the upper seventies, earning Leonard a place in the conference's top 10 golfers.



(Reprinted from 1988 ROLLAMO) Varsity Golf: Row 1: T. Blanton, J. Leonard, M. Dwyer. Row 2: G. Branson, T. Litsch, A. Vahldick, C. Boone. Not Pictured: P. Neeman, D. Wright.

Matt Dwyer lines up a putt on the Oak Meadows course.





UMR's top golfer, Jeff Leonard, follows through on a fairway drive during the UMR Best Ball Tournament.

Jeff Leonard swings at the water's edge, aiming to land the shot on the green.



Todd Blanton heads for the next tee after finishing the previous hole.

TRACK & FIELD

Broken Records

Shattering school records seemed to be the order of things for the Miner track and field team this year. For the men, Darren Smith, Gary Gibbs, Tyson Foster, and Eric Crumpecker were among those breaking through old barriers. Smith not only set a new standard in the long jump, but went on a week later to break his own mark by a full two feet.

For the women, the season saw each athlete breaking a record at some point. Chrissy Adkisson, Debbie Klaus, Kathy Ryan, Casey Engstrom, and Michelle Melton all pushed past previous UMR bests. Engstrom was selected MVP for the women's outdoor season. Her second place finish in the MIAA in the javelin throw helped her claim that spot. Indoors, Klaus took two honors.

MVP honors in the men's bracket went to national qualifiers Pat Short, Gibbs, and Smith. Short and Gibbs took the honors on the outdoor circuit, while indoors it was Smith joining Short for top billing.

Next season should find a particularly strong field by the UMR women as they will be returning four powerful upperclassmen. Senior Chrissy Adkisson will be leading the women to, hopefully, another strong finish. The men may be facing a much tougher challenge as they will be plagued by a lack of seniors. Despite this shortcoming, however, the team will be sure to drive for its best performance.

Overall, the track and field team is satisfied with a good showing on many fronts. If next year's effort shows the kind of record-breaking seen this season, the team will be sure to turn some heads.



UMR Women's Track and Field: M. Melton, K. Ryan, C. Engstrom, D. Klaus, C. Adkisson



UMR Men's Track and Field 1st Row: K. Link, M. Halback, T. Foster, G. Gibbs, K. Kimmel, J. Stemmler 2nd Row: T. Mantei, S. Musgrave, K. Daniels, P. Short, T. Bauer, B. Dalton, D. Smith, J. Conrad, M. Thompson, E. Elledge, E. Crumpecker, D. Ellermann, S. Howard, T. Wofford



B. Veerkamp

Not quite out of the water, Joe Stemler climbs out and has a minor setback in this race.



B. Veerkamp

Putting all she has into the last twenty yards of the 1/4 mile, Kathy Ryan cruises past the finish line in record time.

Pat Short takes to the air as he tries to exceed the mark of the last long jumper.

Failing on his first attempt, Mike Halbach must surpass 14 feet 4 inches to continue to compete.



J. McHaney



J. McHaney

FANS & SUPPORT



Basketball Cheerleaders 1st Row: M. Wieland (Joe Miner), Coach J. Brewer. **2nd Row:** D. Watson, E. Cook (Captain), T. Youngblood, T. Johnson, J. Curry, J. Crowell. **3rd Row:** M. Hill, M. Smith, T. Davidson (Captain), K. Van Hookstrate, D. Elledge, J. Murowski. **Not pictured:** Y. Franklin.



E. Ward

Chancellor Jischke is mobbed by UMR's Football cheerleaders.



J. McHaney

The Basketball cheerleaders cheer UMR to victory.



S. Sorrell

Joe Miner serves as escort during Homecoming '88.



Lady Miner Cheerleaders: N. Gauthier, S. Myers, K. Kluczny, J. Sexton, C. Ball, E. Mullin.

J. McHaney



The Miner marching band performs during halftime at a UMR football game.

S. Sorrell



UMR varsity athletes gather at a reception held in their honor.

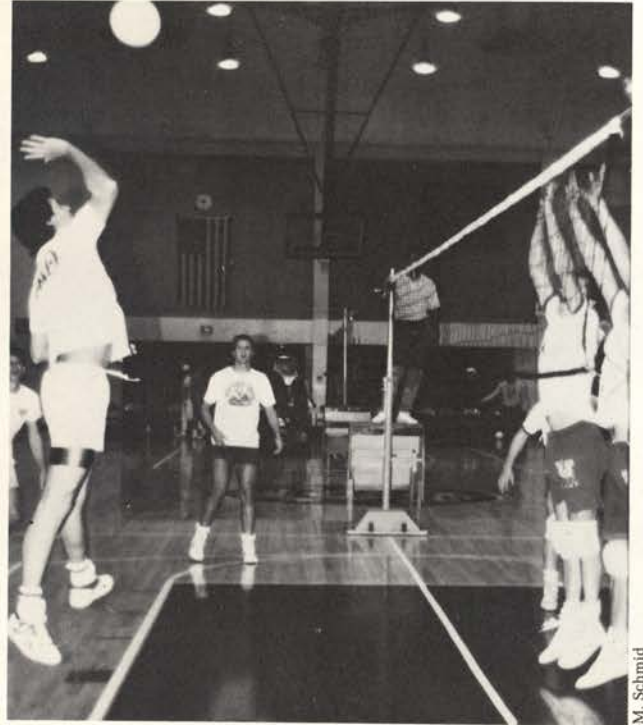
M. Schmid

INTRAMURALS



M. Schmid

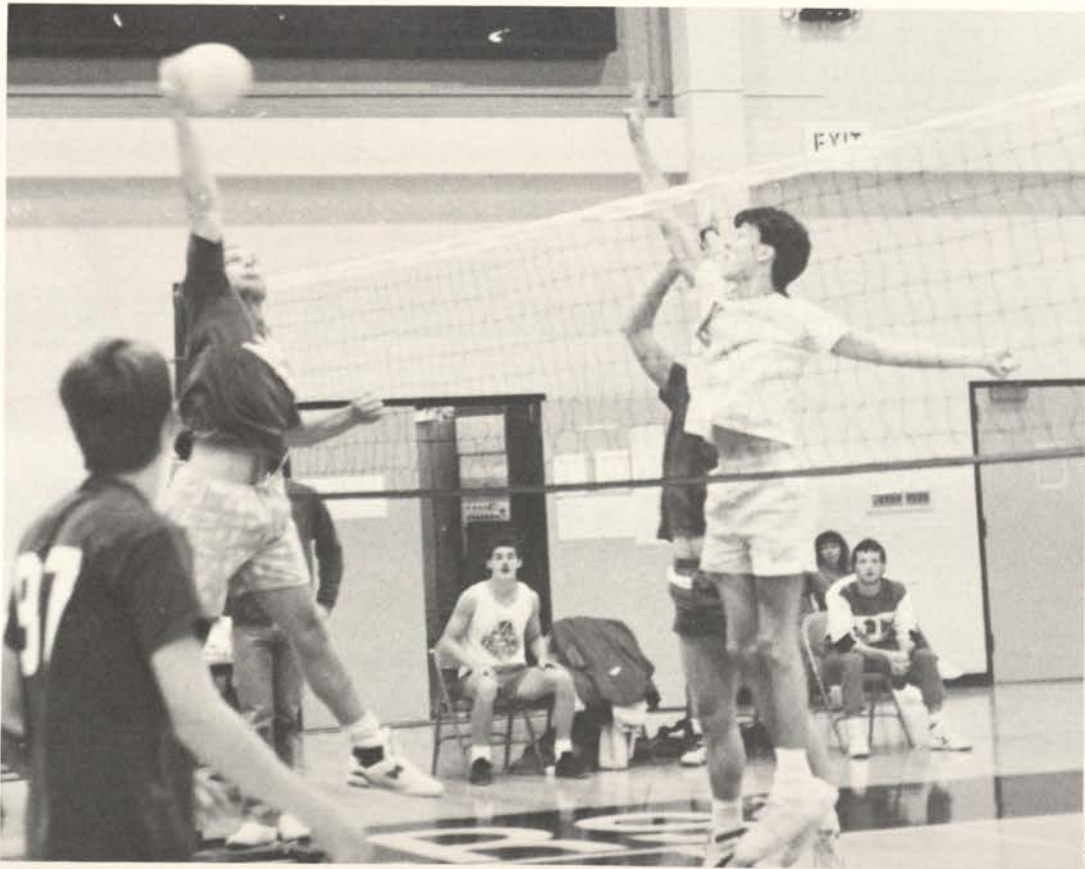
With outstretched arms, a player tries to tackle her opponent in flag football.



M. Schmid

In volleyball action, a Phi Kap player prepares to spike the ball.

On the volleyball court, a player goes high in the air for the kill.



J. King



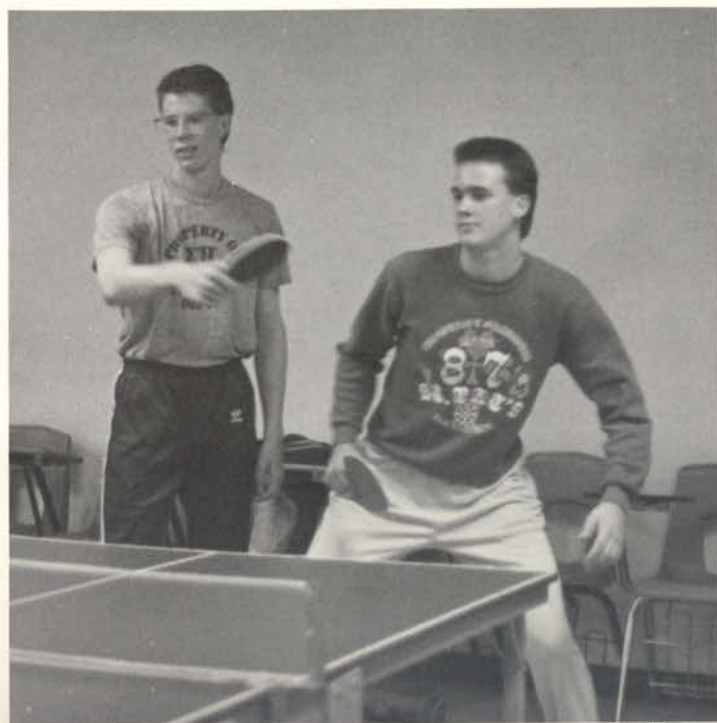
M. Schmid

Concentration is the key to a successful serve.



M. Schmid

A Phi Kap wrestler works to stick his opponent's shoulders to the mat.



J. King

A pair of Sig Pi players work to earn intramural points during the table tennis tournament.



M. Schmid

A defensive player goes for the flag during intramural football.

Intramurals



During the table tennis tournament, a player eyes his opponent's return.



A look of determination is essential when playing flag football.



A group of Phi Kaps are on hand to cheer for their team.



Sig Tau takes on Phi Kap in volleyball action.



M. Schmid

This attempt to block a spike appears to have been in vain.



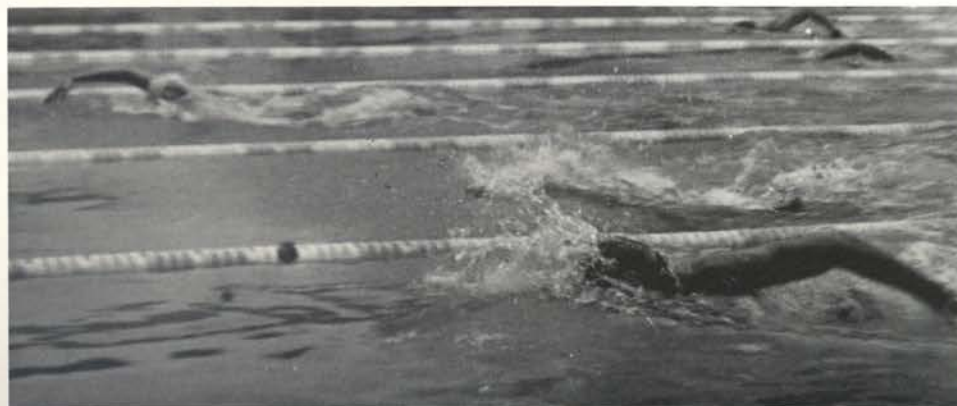
J. King

A player lofts the ball high in the air as his teammate looks on.



M. Schmid

This wrestler has his opponent exactly where he wants him.



E. Tavenner

Coming up for air, this swimmer tries to stay in front.

Intramural

Standings

Golf:

Alpha Omega
(tie) Pi Kappa Alpha
(tie) Sigma Phi Ep
Phi Kappa Theta

Racquetball:

AFROTC
TJ North
Pi Kappa Alpha

Football:

Sigma Phi Ep
Sigma Nu
Tau Kappa Ep

Swimming:

TJ North
Lambda Chi Alpha
Pi Kappa Alpha

**Cross
Country:**

Lambda Chi Alpha
Phi Kappa Theta
Sigma Nu

**Table
Tennis:**

CSA
VSA
TJ North

Horseshoes:

Sigma Phi Ep
(tie) Kappa Alpha
(tie) Theta Xi
Phi Kappa Theta

Tennis:

Phi Kappa Theta
Thai Students
VSA

Billiards:

Sigma Tau Gamma
Sigma Phi Ep
Thai Students

Soccer:

Phi Kappa Theta
Sigma Nu
Sigma Phi Ep

Volleyball:

Tau Kappa Ep
CSA
Sigma Nu

Basketball:

Phi Kappa Theta
Pi Kappa Alpha
M-Club

Softball:

Delta Sigma Phi
Sigma Nu
Sigma Phi Ep

Wrestling:

Pi Kappa Alpha
Sigma Phi Ep
Delta Sigma Phi

Bowling:

Pi Kappa Alpha
Sigma Nu
Sigma Phi Ep

Track:

Phi Kappa Theta
Sigma Nu
Pi Kappa Alpha

Badminton:

Sigma Pi
Sigma Phi Ep
(tie) Pi Kappa Alpha
(tie) TJ North

Overall Ranking

ABS
 ACACIA
 AFS
 AIAA
 A-PHI-A
 ALPHA OMEGA
 AE PI
 AFROTC
 BETA SIG
 BSU
 CCF
 CSA
 DELTA SIG
 DELTS
 GDI
 KAPPA ALPHA
 KA PSI
 KAPPA SIGMA
 LSC
 LAMBDA CHI
 M-CLUB
 PHI KAPPS
 PIKES

Organization	Points
Sigma Phi Epsilon	3106.5
Pi Kappa Alpha	2981.5
Sigma Nu	2905.5
Phi Kappa Theta	2831.5
Sigma Pi	2601.5
Kappa Alpha	2432.5
Kappa Sigma	2338
TJ North	2261.5
Beta Sigma Psi	2228
Tau Kappa Epsilon	2212
Sigma Chi	2105.5
Lambda Chi Alpha	2043
RHA	2000
Sigma Tau Gamma	1983
Delta Sigma Phi	1981.5
Alpha Omega	1910.5
Alpha Epsilon Pi	1871
TJ South	1846.5
Tech Engine Club	1769
Theta Xi	1663
AFROTC	1551.5
Alpha Phi Alpha	1389.5
CCF	1367.5
M-Club	1338.5
Triangle	1208
Delta Tau Delta	1160
BSU	1046
Pi Kappa Phi	987
Acacia	953.5
LSC	941
CSA	895.5
GDI	885
SME	722.5
Kappa Alpha Psi	695
VSA	579.5
ABS	575
Veterans Assoc.	556.5
Thai Students	530
AIAA	525
AFS	265

PI KAPPS
 RHA
 SIGMA NU
 SIG EP
 SIGMA CHI
 SIGMA PI
 SIG TAU
 SME
 TECH ENGINE
 THAI
 TJ NORTH
 TJ SOUTH
 TKE
 TRIANGLE
 THETA XI
 VETS
 VSA



A. Bartels

ORGANIZATIONS



A. Bartels



T. Davis

Organizations

Departmental	148
Special Interest	158
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Publications/Media	178
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John Lamar demonstrates that powdered donuts are what the monsters at the Halloween Haunted House sponsored by several religious organizations are really after.

The UMR Pipe Band is one of the many musical organizations open to UMR students.

The ROLLAMO yearbook staff is the organization that keeps track of all the activities of every campus organization and event throughout the school year.

SOLAR



T. Davis

American Society of Heating, Refrigeration and Air Conditioning Engineers 1st Row: M. Andrews, D. Pollmann, B. Erickson, C. Baichoo, P. Nester. 2nd Row: Dr. Howell (advisor), G. Neuner, L. Danaher, R. Haas, F. Jones. 3rd Row: S. Breckenridge.

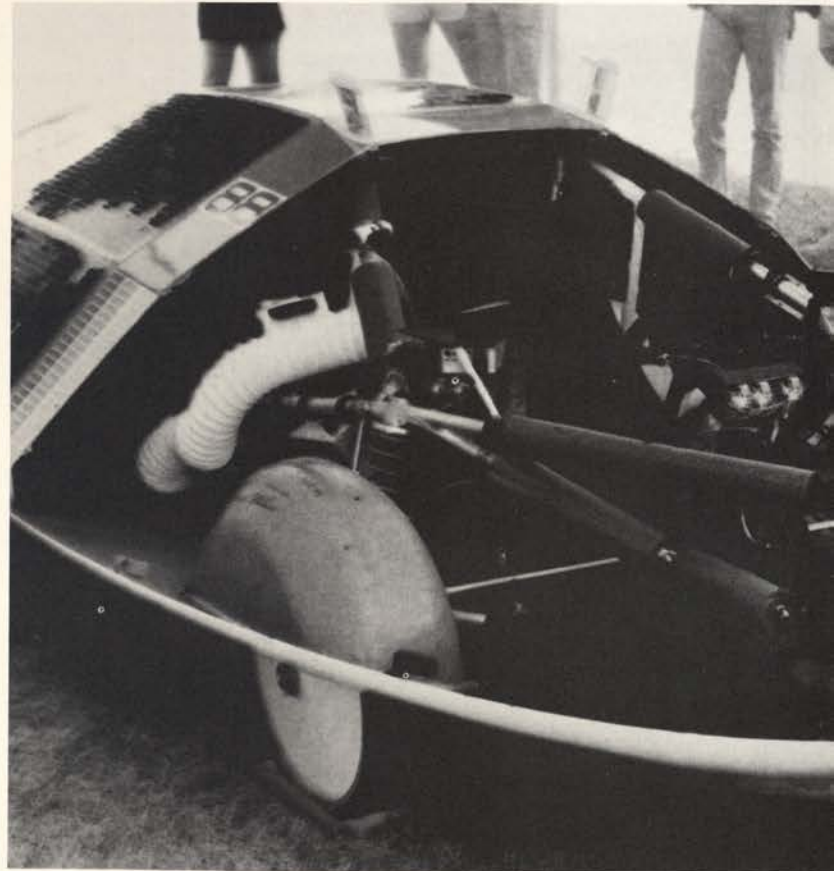


B. Booth

American Society of Mechanical Engineers 1st Row: B. Christenson, B. Mayfield, M. Cruz. 2nd Row: B. Guenther, R. Haas, B. Thater, D. Thomas, D. Schnucker, M. Hunter, T. Banks. 3rd Row: D. Mathes, T. Gregory, A. Wilcox, D. Sauer, G. Cook. 4th Row: J. WasDyke, M. DeGraeve, S. Goodell, J. Learussa, J. Dalton. 5th Row: S. Lih-en, S. Esry, B. Bell, T. Rinehart, T. Nichols, S. Wellhead, M. Omer. 6th Row: G. Smith, J. Hargrove, K. Roach, J. Gayler, S. Stiles. 7th Row: M. Warren.

American Society of Engineering Management/Institute of Industrial Engineers Pictured are: M. Kraemer, D. Willy, K. Dandurand, T. Cruise, R. Redford, J. Lakin, J. Arnzen, D. Bowman, D. Kreher, S. Yeager, J. Pelkie, T. Schlect, Prof. Wiebe (advisor), K. Wood, T. Bates III, B. Carter, R. Weinmann, A. Friedrich, W. Jones, L. Allen, S. Allen, L. Trimble, H. Yazici, R. Brown, G. Sanders, S. Gillette, D. Loida, C. Aldrich, J. Hoffman, J. Eberhart, T. Bruns, F. Genovese, C. Koch, J. Schnur, S. Wands, J. Grotenhuis, C. Bailey

J. Robertson



GM's Sunraycer car catches rays at UMR



S. Dyer

The Sunraycer, General Motor's solar-powered car was displayed at UMR in the fall. The student chapter of the Society of Automotive Engineers sponsored the visit.

Weighing only 390 pounds, the car is very efficient and has set world speed records. The Sunraycer won the 1,950 mile World Solar Challenge race in Australia in November of 1987. In this race, the car averaged 41.6 mph and reached a maximum of 70 mph during pre-race trials.

GM plans to apply ideas and developments from the Sunraycer project to vehicles of the future.

The GM Sunraycer, an award-winning solar-powered car, attracted the attention of many UMR students during the second week of fall classes.



F. Hastings

American Association of Petroleum Geologists C. Muerhoff, E. Bryant, D. Keller, D. Whitman, K. Moore, H. Gaber, C. Hamil.



S. Dyer

Association of Engineering Geologists 1st Row: R. Parson, W. Schmidt, B. Kroeger, D. Geshwender, T. Byers, J. Keane. **2nd Row:** D. Randall, A. Hashimi, J. Rozdilsky, E. Lidholm, K. Mertl, K. Campbell, G. Feegle, M. Heaton.

ASEM/IEE continued J. Luca, D. Reardon, M. Vehige, W. Shipman, K. Gunderson, H. Coleman, K. Garrett, J. Williams Jr., D. Masterson, K. Phillips, S. Underhill, J. Smith, M. Spencer, D. Hunke, N. Gustafson, S. Sievert, T. Schafer, S. Martin, R. Minor, D. Morris, J. Sutton, R. Weber, C. Stammer, A. Dickherber, D. Schmidt, S. Turner, M. Schmid, R. Reece, L. Mueller, G. Emig, J. Teson, M. Mitchell, P. Miles, F. Browning, C. Hock.

J. Robertson



Mine Mucking



G. Bonney

AIME: Society of Mining Engineers 1st Row: D. Hix, C. Eichen-seer, A. Bryan, B. Goerke, C. Comeau. 2nd Row: D. Hunt, B. Townes, D. VanBrakel, J. Ovanic, T. Mills, S. Horne. 3rd Row: R. Hickam, J. Hawk, A. Patterson, C. Hardy, Dr. P. Worsley, B. Rigshy.



A. Bartels

American Society of Civil Engineers 1st Row: Dr. D. Modesitt, K. Light, A. Volmert, M. Pappas, P. Ridlen, R. Ford. 2nd Row: M. Harms, C. Patterson, G. Vaughn, S. Fletcher. 3rd Row: S. Schultz, T. McConnell, R. Henke, C. Hoeff, K. Dierken, R. Meyer, M. Benedick. 4th Row: T. Koi, T. Jiwanond, C. Brede-man, T. Pankey, E. Larson, C. Stafford, K. Mahoney. 5th Row: M. Poole, S. Evanson, D. Little, T. Baker, R. Kuziaskowski, R. Webb. 6th Row: S. Rakers, B. Cork, E. Ploch, D. Manka, C. Chiodini. 7th Row: S. Abd. Rashid, N. Muji, J. Carril, P. Harris, M. Doerflinger.

American Academy of Mechanics 1st Row: M. Barkey, D. Schmidt, D. Herman. 2nd Row: B. Norris, D. Finklang, L. Han-nah, S. Schwab.

The University of Missouri-Rolla Experimental Mine is one of the few such structures available on a university campus with the purpose of mineral engineering education. The mine gives students the chance to gain personal experience with equipment and techniques and to encounter problems faced in actual mining situations.

Some of the experiences of-

fered are the methods of min-ing used in the past. UMR's Mine Mucking Team used these methods in a competition among eleven universities. There were six events included in the competition. These events were jacklight drilling, bow sawing, hand drilling, track standing, surveying, and hand mucking. The UMR team won three of the events and overall placed first.



M. Schmid



UMR ties for first place in mining competition



M. Schmid

Zealously hand drilling is Jason Ovanic as Casimir Eichenseer and Ron Tyson watch.

The mine mucking team practices for their competition. Todd Parks, Ron Tyson, Gerald Haantz, Brian Goerke, Jason Ovanic and Casimir Eichenseer shovel dirt into a cart.



M. Schmid

Mine Mucking Team: T. Parks, R. Tyson, C. Eichenseer, G. Haantz, J. Ovanic, B. Goerke.



M. Schmid

Association of General Contractors Members are: K. Fuller, J. Bittenob, J. Cannedy, C. Taylor, A. Weatherholt, S. Brady, C. Layton, T. Garvey, J. Jones, B. Winchel, S. Bader, T. Abkemeir, G. Rice, J. Johnson, M. Middendorf, J. Madsen, M. Leighton, E. Ploch, S. Stone, P. Harris, T. Pankey, W. Chipley, R. Webb, D. Manka, R. Hewke, R. Miller, H. Forsythe, D. Blanpied, P. Ridlen, S. Rakers, T. Waelterman, K. Chin, S. Koopman, J. Finke, D. De-Bois, S. Fletcher, N. Marler, P. Greifzu, D. Clark, S. Gruben, C. Divin, M. Keuss, R. Kuzniakowski, T. McConnell, G. Starke, M. Hobbs, J. Stratman, J. Lewis, B. Kouba, M. Schroyer.

Pick up



J. McHaney

American Nuclear Society 1st Row: S. Mertz, K. Stone, J. Schum-
er, A. Neizer. 2nd Row: J. Morris, T. Orf, T. Holland, A. Smith,
J. East. 3rd Row: E. Johnson, R. Smith, A. Moss, M. Sautman,
P. Ferguson, M. Bruss, S. Zeid. 4th Row: A. Williston, J. Roe, M.
McLaughlin. 5th Row: C. Dailey, J. Hill, S. Seeleck, J. Schick.

Association for Computing Machinery (Photo not available at
time of publication) Members are: C. Tarnowiecky, M. Morey,
R. Viesman, R. Lee, E. Stark, D. Owens, E. Hefferly, T. Seevers.

American Institute of Aeronautics and Astronautics 1st Row:
J. Boland, M. Miller, L. Sebourn, T. Clavenna. 2nd Row: S. Ga-
laske, M. Comensky, D. Allega, C. Volz. 3rd Row: T. Schwarz,
J. Winkler, D. Carter, D. Dodd, B. Est, C. Housh, M. Rust, P.
Leubke. 4th Row: P. Schulte, K. Leodler, J. Meiborg, R. Nelson,
T. King, J. Jercinovic, J. Hyde, M. Calaway. 5th Row: L. Vaughn,
S. Perillo, L. Phillips, B. Bossi, A. Honse, C. Chenault, C. Fray-
sen. 6th Row: R. Sneed, D. Meussemeyer. 7th Row: M. Chaffin,
D. Lindsey. 8th Row: C. Trantham, A. Blades, B. Polavarapu, C.
Maddox, J. Rutherford, J. Younger. 9th Row: M. Ebbs, S. Calkins,
G. Sola, G. Neubig, P. Devino.



J. King

Civil engineering student Elisabeth
Larson braves the weather on a chilly

spring morning to help pick up trash.



D. Gawedzinski

artists

ASCE "adopts" a highway

Members of the American Society of Civil Engineers "adopted" land around local highways and kept the areas trash-free.

Paul Ridlen, fall Chapter President, and Mike Pappas, spring Chapter President, organized the service project, in which ASCE adopted two sections of Interstate 44 and one section of Highway 63. ASCE was the only local group to

adopt three sections of highway.

Members spent several Saturday mornings picking up trash along I-44 east and west of the US 63 overpass and along Highway 63 from "Old 63" to 14th Street.

Others involved in the project include Stan Schultz, Shannon Lambert, Eric Rose, and faculty advisor Don Modesit.



J. King

Oblivious to oncoming traffic an ASCE member picks up trash along I-44.



J. Robertson

American Institute of Chemical Engineers Members are: Dr. B. Poling, K. Bellville, M. Flick, M. Drury, L. Spencer, T. Sears, A. Brown, S. Sitton, K. Ford, A. Chmelir, J. Brewer, T. Ryerse, S. Garrett, L. Luther, R. Palouchik, B. Halpin, J. Alvarez, Q. Finefrock, S. Clark, J. Fisher, J. Bevlow, T. Miner, K. Keran, N. Butler, N. Abd. Rahman, B. Watson, D. Platt, J. Loomstein, J. Fabella, J. Dillon, S. Meuller, P. Brangenberg, L. Belsky, B. Hearn, G. Tonas, Dr. J. Johnson, J. Hilker, T. Webb, M. Barnett, D. Weinand, Z. Abd. Hamid, L. Toliver, T. Parker, F. Rosenbloom, D. Carey, C. Divin, T. Rouse, L. Danaher, G. Flieg, F. Roe, S. Sinha, N. Miad.



K. Kreisz

American Foundryman's Society A. Sago, G. Johnson, K. Pecora, S. Housh, T. Hamm, J. Tilk, S. Wells, L. Williams, P. Galbraith, R. Mullinax, Prof. R. Wolf, D. Zimmerman, M. Johnson, S. Parshall, J. Carter, D. Heitzman, D. Symes, J. Smith, A. Schuchardt, Dr. D. Askeland.

Lending a

Several UMR fraternities donated many man hours of work this year through Gamma Alpha Delta service projects. GAD, a service fraternity sponsored by United Ministries in Higher Education, provides ideas for the projects and any tools necessary to complete the work.

This year's projects benefited many community groups in Rolla and other Missouri towns. Locally, GAD members painted rooms at the Holloway House, which is run for the elderly by the ABLE Commission. Work was also done for Kangaroo Kottage Daycare Center, the Cerebral Palsy School, local Girl Scout troops, and Boy's Town in St. James.

In St. Louis, other GAD members helped to install insulation in a church attic and to refurbish a house for the Waymakers. Waymakers is a nonprofit organization which provides room and board to the handicapped and meals to the homeless.

At a Richland, Missouri

campground, GAD members salvaged firewood from old camping equipment. The firewood will be given to the needy during the winter.



Sigma Pi members install insulation in a church for their GAD service project.

Institute of Electrical and Electronics Engineers (photo not available) **Members are:** A. Gray, T. Johnson, C. Fridley, A. Bryant, D. Trower, J. Yu, M. Johnson, D. Schumburg, D. Goforth, S. Whiteside, B. Brown, C. Stoverink.

Psychology Club **1st Row:** R. Blair, K. Dillon, J. Acosta. **2nd Row:** A. Fowler, K. Adrales, T. McMenemy, L. Myers. **3rd Row:** R. Carman, M. Brown, M. Buckner. **4th Row:** S. Stuller, E. Brown, C. Huskey, J. Brady, I. Klosterman, C. Riordan.



helping hand

*GAD and fraternities
cooperate on projects*



B. Booth



B. Booth

English Club 1st Row: C. McDaniel, J. Wise, H. Wise, C. Bullock. **2nd Row:** L. Vonalt, I. Brinegar, C. Wade.



D. Theisen

Helix 1st Row: N. Demers, Dr. P. Lutz, A. Clark, J. Roulston, D. Oehlschaeger, C. Schergan. **2nd Row:** L. Lindesmith, Dr. R. Frank, B. Kenyon, D. Kerr, R. Cologna, C. Hayes.

And they're off . . .

Design team enters contest

A team of University of Missouri-Rolla engineering students, who designed and constructed a mini-formula race car, experienced the challenge of competition in Formula SAE. The Formula SAE is annual contest which emphasizes engineering rather than racing skills.

Mark Privett, a member of the group's design team, said, "The car [the team] entered involves mounting the engine on the side by the driver rather than in the rear of the car where it is typically located.

We hoped this experimental concept will improve the car's handling."

Privett also said that in addition to using their knowledge of engineering, the team has used management skills to raise funds to build the car and to organize the project.

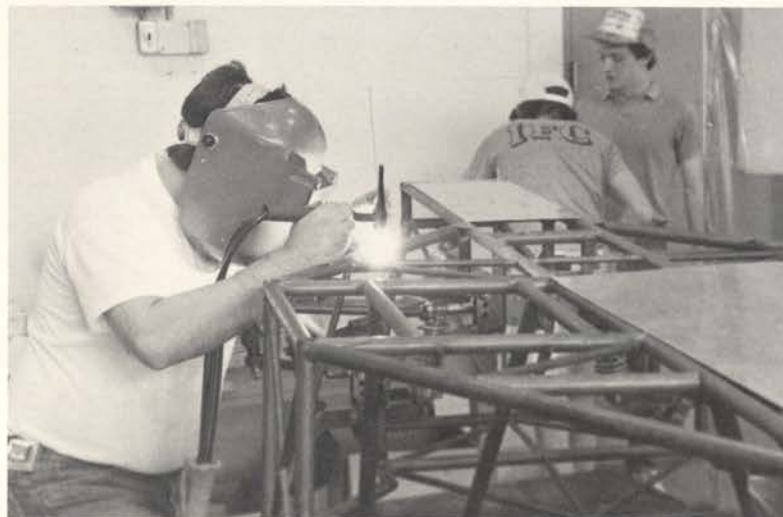
(Opposite) **Team members** Brad Boyer (seated), Dan Reardon and Tom Freeman finish details on the engine and the carburetor.

The experimental car's frame, which Chris Friedrich welds together, is made of steel tubing.



T. Davis

Society of Automotive Engineers 1st Row: D. Reardon, B. Bernotteit, J. Schmidt, R. Haas. **2nd Row:** W. Hodge, M. Horak, M. Baumann, S. Schockley. **3rd Row:** Dr. R. Johnson, R. Miller, C. Reh-kemper, P. Nester, M. Privett. **4th Row:** C. Friedrich, C. Lewis, M. Lukuc, L. Vaughn.



J. McHaney





J. McHaney

Society of Physics Students 1st Row: D. Gassen, P. Gardner, S. Sillyman, M. Mall, K. Miller, V. Mecham, C. Edwards, S. Edwards. **2nd Row:** J. Peacher, M. Woodward, S. Martin, M. Fritts, S. Scott, M. Sieger, M. Pritchard, M. Kelsey, T. Harrison.

E. Tavenner



T. Davis

Society of Petroleum Engineers 1st Row: N. Al-Saidi, E. Brockman, G. Smith, C. Harris, T. Rinehart, L. Shee. **2nd Row:** Dr. D. Numbere, Dr. A. Harvey, C. Thamrongvitavapon, J. Combs, L. Herren, C. Britton, M. Warren, S. Frailey, D. Rosiere, S. Chaney, Dr. L. Koederitz, K. Kruger.

Walter T. Schrenk Chemical Society Members are: K. Bellville, M. Biznek, T. Blue, M. Burnside, S. Clark, S. Dingman, M. Drury, C. Edwards, M. Gassner, N. Holterman, T. Neaf, S. Risbeck, F. Roe, P. Rossi, D. Weidman, Dr. F. Blum.



J. McHaney

Rock Climbing Club D. Griffith, M. Johnson, S. Brady, E. Van-Rhein.



M. Schmid

Juggling Club 1st Row: G. Owens, R. McLean, G. Maes, T. Luthrop, M. Klotz, B. Kirby, P. McConnel. 2nd Row: K. Bagnall, K. Breuer, J. King, G. Heinze, G. Combs, J. Biafra.

Co-operative Education Association V. Philiber, M. Schoonover, S. Snoble, H. Harlen, T. Gregory, M. Geary, J. Herzog, M. Comensky, S. Koop, R. Meyer.

G. Halley



M. Schmid



THE SKY IS FALLING

Say those around UMR Jugglers

Left: Robert McLean risks danger as he skillfully juggles flaming torches in the air.

Below: Robert McLean, Ed Carstens, and Garland Owens show off skills of balance and coordination to an audience at Madrigal Dinners.



T. Davis



M. Schmid

Bacchus 1st Row: G. Tonas, L. Hackman. **2nd Row:** S. Dampier, N. Holterman, B. Dancy.



B. Booth

Toastmasters 1st Row: A. Woerheide, F. Clauss, M. Cruz, S-M Wan. **2nd Row:** G. Rice, D. White, C. Crooks, W. Schmidt, D. Bowman, D. Melton, J. Chien, J. Lawson. **3rd Row:** C. Reine, P. Brangenberg, D. Vonarx, P. Kremer.

GDI Independents 1st Row: D. Moyer, D. Moyer, A. Clark, E. Bussen, G. Recker, A. Bartels. **2nd Row:** R. Maddox, M. Ochs, R. Yotter, B. Camp. **3rd Row:** J. Schuessler, E. Becker, D. McDowell, B. Linke, B. Congdon, D. Meriwether. **4th Row:** G. Mueller, C. Eichenseer, A. Eichenseer, J. Herrington, S. Herrington, M. Simecek, D. Budd. **5th Row:** D. Allega, D. Blanpied, J. Haring, A. Boyd, R. Kleinmann, T. Bowness, V. Korenak. **6th Row:** T. Maddox, J. Zimmerman, D. Geisler, M. Harvey, J. Bee, M. Fait, H. Finley. **7th Row:** K. Smiley, J. Carlson, T. Franklin, S. Birdsong, B. Jones, J. Jones.

A. Bartels



Tech Engine

A Place to eat and party

The Tech Engine Club serves a dual purpose for the students of the University of Missouri-Rolla. Tech Engine is an eating club where students can go for a meal. This is good for stu-

dents who don't live in the residence halls and don't cook. The club also serves as a meeting and party place for several clubs and organizations.



B. Booth

Environmental Protection Agency: M. Brown, A. Clark, C. Budemeye, J. Brady.



J. McHaney

Photography Club: R. Frank, M. Johnson, J. Jaeger.

Spelunkers Club (Names not available at time of publication) **Officers are:** S. Broomhead, J. Harris, R. Wade.

J. King



D. Gawedzinski





M. Schmid

(Above) **The Tech Engine** Street Dance was enjoyed by many during the fall semester. Tom Nield and Laura Luther

dance to the lively music. The streets were filled by partying revelers out to have a rest from the week's classes.

(Left) **"Would you care to dance?"** Larry Reeves asks Anne Fehrenbacher at the Hawaiian party given by the Res-

idence Hall Association at the Tech Engine Club to help break the ice between residence hall occupants.



B. Kronschnabel

Radio Club Members are: T. Davis, J. Haas, A. Johnston, L. Locquyt, Prof. Nau.

Tae Kwon Do Club 1st Row: D. Moran, L. Shee, K. Park, S. Tay, M. Hill, D. Edwards, N. Goes, N. Goes. **2nd Row:** J. Park, K. Sze, N. Goes, S. Risbeck, S. Goes, C. Thompson, A. Woerheide, R. Hepler. **3rd Row:** Dr. D. Look, R. Vitt, A. McCullough, R. Clemson, J. Davis, K. Namazi, C. Lewis, G. Bellamy, M. Johnson, A. Pugh, M. Hubbard, S. Chang, S. Shinn.

B. Booth

Showcase of creativity

Musical students share talent

Many creative UMR students participated in University bands and instrumental ensembles. The Marching Miners performed at home football games, and the Jazz and Symphonic Band members played at concerts and campus-wide events, including Parent's Day and Honors Week. Other University musical groups include the Highland Pipe Band, the University Orchestra and the Collegium Musicum.

Blow those horns! Brian Micklewright, Sean Asbury, and Paul Johnson perform with the Jazz Band at the fall Parents' Day.

In the traditional style the Highland Pipe Band practices for a November performance. Members of the band include: Brenda Gammill, Melany Elicker, Penny Cutler, Lisa Sommer, Peggy Danzer, Cynthia Millangue, Gene Hoeztge, Eric Tavenner, Lynn Sebourn, Mike Miller, Peter Norman, Tom Gardner, Greg McClure.



A. Bartels



J. King



A. Bartels

Playing the blues — Alto saxophonist Mike Diemeke performs with the Jazz Band at a concert in Miner Lounge.



E. Ward



J. McHaney

Marching with style, piccoloist Becky Lema hits the high notes at a Marching Band halftime performance.

Collegium Musicum "Court Minstrels" Cathy Westling, Derek Cornwell, Sue Evanson, Rebecca Vanderwall, Carol Bullock, Raymond Cologna and Professor Frank Kern perform at the December Madrigal Dinners.

StuCo

At their first meeting of the 1988-89 academic year, Student Council passed a resolution of their purpose for the school year: to represent the students at UMR.

Responsible for representing UMR students were the fifty-

five student representatives and the elected officers — Kevin Edwards, president; Bob Phillips, vice president/internal; Kevin Gibson, vice president/external; Jeannine DuBuque, treasurer; and Rebecca Vanderwall, secretary.



Council of Graduate Students 1st Row: K. Sreerama, R. Joel, R. Howard, K. Pontius. 2nd Row: M. Colgan, M. Smith, R. Elmer, J. Steibel. 3rd Row: C. Eberhardt, B. Hearn, J. Pelkie, R. Dare. 4th Row: L. Osborne, R. Dutton, D. VanBrakel, E. Erbe. 5th Row: G. Sedrick, L. Meng, T. Mathai, B. Choi. 6th Row: R. Clauss.

(Right) **Graffiti in the TJ tunnel** allows students to express themselves. Student Council legalized painting in the underpass with the sanction of the administration.

Students participating in Student Council's September Blood Drive consumed 100 dozen cookies and six tanks of soda.



J. King



The students' advocate

Student Council dealt with a wide range of issues this year, including off-campus housing, university housing rates, student fees, on-campus crosswalks, an alcohol policy, and student access to recreational facilities.

One of StuCo's main projects of the year was to revise their constitution and bylaws. StuCo also helped to get administration approval for graffiti in the TJ tunnel and organized blood drives, in which over 1,300 units of blood were donated.



A. Bartels



S. Sorrell

Student Union Board 1st Row: A. Holmes, K. Marrs, D. Meade, J. Stitt, G. Phillips, S. Stocking. **2nd Row:** T. Tekolste, K. McDaniel, M. Hoyt, S. Habowski, T. Pimmel, W. Francis, M. Sautman.

Student Council 1st Row: R. Vanderwall, K. Gibson, K. Edwards, B. Phillips, S. Dubuque. **2nd Row:** R. Platz, D. Haney, L. Brunner, A. Berra, A. Johnston, M. Ortmeyer. **3rd Row:** D. Tepen, G. Neubig, K. Van Hoogstrate, D. Barnhouse, D. Whitehouse, J. Hordesky, C. Penningroth, R. Barton, K. Corum, H. Hammann, M. McLaughlin, T. Cathey, L. Peterson. **4th Row:** J. Higgins, E. Clevenger, D. Loida, E. Brown, S. White, W. Easley, S. Burrows, M. Woods, A. Beckmann, D. Carey, F. Maguire, S. Dickinson, B. Churchich, J. Blanton, L. Whetsell, R. Jacobs. **5th Row:** C. Fridley, R. Ross, G. McCandliss, R. Wagner, P. Jones, G. Ardrey, W. Smith, S. Searles, S. Hwonwski, D. Robinson, B. Linke, N. Alkaakati, S. Eischen, D. Allcorn, J. Miget, C. Fugate.

A picnic ANS members



B. Booth

National Society of Black Engineers 1st Row: M. Smith, L. Johnson Jr., M. Peebles, K. Rice. **2nd Row:** C. Williams, M. Tolbert, L. Ervin, L. Stewart, K. Howard, M. Dukes.



M. Schmid

Alpha Chi Sigma Members are: M. Barnett, J. Barr, H. Barstad, K. Bellville, B. Bethel, M. Biznek, T. Blue, C. Bough, D. Brandt, A. Brown, N. Butler, E. Bussen, D. Carey, A. Chmelir, S. Clark, D. Clifton, A. Cohen, D. Cramer, M. DeBarr, S. Depriest, C. Divin, M. Drury, C. Edwards, G. Elphinstone, J. Fabella, D. Fitzgibbons, M. Flick, G. Flieg, J. Frank, K. Ford, J. Goetges, A. Hall, S. Hattikudar, C. Hayes, B. Hearn, M. Hilton, B. Linke, L. Luther, D. McClellan, M. Miller, D. Molli, T. Neaf, T. Perkins, D. Platt, S. Risbeck, F. Roe, L. Ross, T. Rouse, S. Ruggeri, L. Samaie, R. Schuth, T. Sears, L. Snelson, A. Spears, L. Spencer, L. Stricker, A. Voyles, B. Watson, G. Weible, D. Weidman, G. Wilkening, B. Ybarra.

Alpha Sigma Mu 1st Row: J. Holmes, S. Wells, T. Tillison, L. Williams, B. Steinkamp. **2nd Row:** R. Fischer, A. Sago, D. Heitzman, M. Gross, P. Galbraith.

J. Robertson



minus ants relish meal



R. Spurlock

A barbecue sponsored by the American Nuclear Society gives Alice Netzer and Bob Phillips a chance to eat and socialize. Joel Smith enjoys the ANS fall picnic at Schuman Park.



R. Spurlock



B. Booth

Society of Women Engineers 1st Row: K. Stone, D. Campbell, M. Blechle, B. Piper, K. Clapper. 2nd Row: M. Schollmeyer, J. Vondera, A. Berra. 3rd Row: C. Cicero, M. Illy, V. Horstmann, S. Garrett. 4th Row: T. Ames, R. Sachs. 5th Row: R. Middleton, P. Cuartas, D. Salzman, L. Osick. 6th Row: A. Fredrick, T. McGaugh, A. Betton. 7th Row: D. Kraus, D. Little. 8th Row: M. Benedick, T. Banks, K. Gunderson, L. Davis. 9th Row: L. Ehlmann, C. Stover, L. Brunner, L. Shackles, N. Scammacca.



B. Booth

Omega Chi Epsilon 1st Row: T. Perkins, K. Stieffermann, G. Elphingstone, G. Yek, T. Miner, B. Hearn. 2nd Row: A. Amat, J. Loonstein, L. Danaher, F. Bereswill, B. Bethel. 3rd Row: R. Schuth, A. Rouse, L. Hackman, H. Overkamp. 4th Row: S. Kulvaranon, C. Henze, D. Jackson, E. Shy, R. Gardner, P. Mar.

Psi Chi: E. Brown, J. Brady, C. Huskey, C. Riordan (advisor), R. Carman, S. Stuller, M. Edwards, K. Adrales.

S. Dyer



Time sharing



J. McHaney

Gamma Alpha Delta Officers are: R. Salamie, E. Montgomery, C. Figge, R. Durbin.



G. Bonney

Kappa Mu Epsilon 1st Row: R. Kilcher, P. Wright, K. Stone, M. Nel, S. Musgrave, C. Mallow, R. Viessman, K. Sohrabi, D. Faust, J. Robinson, B. Holtmann. **2nd Row:** M. Keuss, J. Kuehn, S. Hankey, C. Fugate, S. Griffin, M. Bremmerkamp, M. Johnston, J. Reinkemeyer, Q. Finefrock, T. Schroeder, J. Klump, S. Chow, D. Owens. **3rd Row:** Prof. J. Joiner.

Alpha Phi Omega 1st Row: N. Dettwiler, J. Guccione, C. Pimentel, D. Hack, M. Bruss, M. Henricks, A. Jones. **2nd Row:** C. Patterson, J. Dey, M. Carpet, J. Sanders, N. VanDermeulen, D. Hemmer, M. Roth, M. Uhrig, T. Starkweather, M. Brunstein, B. Medard, L. Miller, M. Rosenthal, D. Goetz, V. Betlach, J. Betlach, K. Potter, K. Cole. **3rd Row:** B. Smith, D. Presley, J. Miner, T. Ferner, R. Gregg, D. Kiehne, D. Wilson, M. Schmidt, A. Schmerer, R. Humphrey, J. Carney, M. Potter, S. Bayniller, J. Hill, J. Haywood. **4th Row:** Z. Dolan, D. Spillers, D. Spooley, M. Hartwig, S. Bahr, S. Hamer, R. Stehlin, D. Finklang, E. Harris, D. Libiez, P. Simpkins, K. Nichols, C. Gerard, K. Bartz, D. Preis.

J. McHaney



B. Kronschnabel

Lunchtime! UMR student Evelyn Sweet watches Truman Elementary students as they eat lunch.



UMR students volunteer at local public schools

Throughout the year many students found that being a volunteer in the local schools is one way to get involved in the community. The students volunteered their time in an effort to make things a little easier for students, and teachers, at the local public schools.

Tim Gregory volunteered at the Middle school in Mrs. Edgar's and Mrs. Loudermilk's classes. He spent an hour every other Thursday with one of the classes. Tim usually assisted the teacher in answering questions. Occasionally he even took over the class, for a short time, while the teacher graded papers.

Tim felt that the children really enjoyed his help and he said that "the teachers are very nice to work with and they are very considerate of your schedule. Volunteering doesn't require a lot of your time . . . It is very rewarding to help young people to get off to a good start."

Larry Kingsborough volunteered on Tuesdays at Rolla High. He spent an hour each week tutoring the students in geometry. Larry mainly tutored individuals who came to him for help. He said the students really seemed to appreciate his help and he really enjoyed the

time he spent with each student.

Larry heard about the volunteer program through the Air Force ROTC and saw it as an opportunity to get involved with the community. He felt that he needed to get away from the college atmosphere and into the community.

"If you are thinking about volunteering," Larry said, "I want you to know that the volunteer gets more out of helping the student. True, it helps the child, but it gives the volunteer a sense of satisfaction in helping that child."

Evelyn Sweet worked and volunteered at Truman Elementary. She worked, and was paid, as a playground and lunchroom aide for an hour each day. However, she voluntarily tutored a first grader for 45 minutes each week so she is considered a volunteer by the school. She doesn't feel that the child thought of her as an authority figure or teacher, but rather as a friend or buddy.

Volunteering "helps to brighten your day," Evelyn said. "When you have been studying hard, it is a pleasant break. One child, alone, will brighten your day."



J. McHaney

Alpha Nu Sigma 1st Row: S. Metz, K. Stone, J. East. **2nd Row:** C. Dailey, P. Ferguson, M. Sautman.



Blue Key Members are: M. Long, J. Roulston, J. Smith, K. Holdener, F. Biagioli, M. Gross, B. Baumbach, B. Guenther, B. Haas, J. Hentges, M. Hoyt, W. Jutte, L. Korba, J. Laaker, P. Lepski, K. Mahoney, G. Meyer, D. Morris, B. Phillips, G. Phillips, M. Sautman, L. Shee, J. Stitt, G. Weatherford, L. Wilcox, A. Woerheide, M. Youngbluth, E. Bae, T. Casto, S. Dinwiddie, G. Elphingstone, L. Hackman, K. Hoffmeister, J. Klump, J. Kuehn, C. Layton, C. Sellars, K. Stone, T. TeKolste.

Reach out and



T. Davis

Beta Chi Sigma 1st Row: T. Mussman, C. Collins, S. Crump, D. Grant, S. Bleckler. **2nd Row:** J. Kimbel, D. Wiltshire, J. Higgins.



T. Davis

Pi Epsilon Tau: S. Frailey, C. Harris, D. Rosiere, S. Chaney, D. Krueger, L. Shee.

Eta Kappa Nu 1st Row: W. Tyree, J. Carlson, D. Barski, H. Gugel. **2nd Row:** C. Scholten, B. Dancy, E. Becker, J. Dougherty, D. Gasen, A. Gray, C. Leung. **3rd Row:** Prof. J. Moss, B. Biggs, T. Conway, A. Gardner, A. Ayer, S. Chow. **4th Row:** . Dubroff, T. Jones, T. Emmerich, K. Sze. **5th Row:** K. Kohm, D. Schamburg.

J. McHaney

Little people need big people several UMR students help fill that need. Over half of the twenty-four volunteers in the local Big Brothers/Big Sisters program are UMR students.

The volunteers spend several hours a week with their little brothers or sisters. Wayne Bowles and his little brother like to play softball and often go to movies or go bowling together; when one has to be out of town they keep in touch with letters. Wayne, who has been a Big Brother since the spring of 1988, got involved in the program because he wanted to "do something different," something more than just going to

club meetings.

Heather Benson also spends many hours each week with her little sister. They often eat together — either at a local restaurant or at Heather's sorority. Heather, who has been a Big Sister since last spring, hopes others on campus become involved in the program. She said, "UMR students sometimes forget there is a community."

(opposite) **Wayne Bowles** and his little brother enjoy a warm spring afternoon at the park.

Big brother Bob Kronschnabel helps his little brother with homework.



B. Kronschnabel



touch someone



J. McHaney



B. Booth

Pi Tau Sigma 1st Row M. Yahaya, T. Banks, J. Klump, S. Dinwidie, R. Haas. **2nd Row:** G. Mettlach, J. WasDyke, A. Williston, M. Dennison, M. Yungbluth, S. Snoble.



Phi Eta Sigma 1st Row: J. Lowry, E. Olson, K. Sohrabi, M. Markel, V. Scammacca, C. Mallow, T. Casto. **2nd Row:** P. Tran, S. Eilerman, H. Doan, J. Jackson, B. Dare, A. Light, J. Gosnell, T. Dencker, A. Mason, S. Reeves, S. Stroker. **3rd Row:** J. Falkenrath, J. Goethe, L. Peterson, J. Fields, S. Maycock, A. Grover, D. Carlson, G. Heine, G. Jacquin, E. Yonker, D. Schwalje, M. DePriest, D. Neal. **4th Row:** M. Sebourn, S. Turpin, D. Rosenbaum, V. Marlof, A. Hentges, G. Turner, M. Connell, K. Hicks, S. Crump, T. Bequette, E. Casleton, M. Hartwig, J. Prince, J. Feltz.

M. Schmid

Watch out

Engineering



R. Tayloe

Sigma Gamma Tau 1st Row: J. Hyde, P. DiVino, D. Cohen, T. Clavenna, L. Desilet, L. Strapp. **2nd Row:** V. Konyac, A. Blades, J. Mieborg, Dr. R. Oetting, Dr. S. Abrate. **3rd Row:** M. Adkins, D. Allega, S. Martin, D. Blake, M. Ebbs, B. Est. **4th Row:** S. Caulkins, S. Munday, J. Boland.

Sigma Pi Sigma (Photo not available at time of publication)
Members are: M. Commens, C. Struab, S. Bross, R. Raffaele, R. Vandiver.

Tau Beta Pi Members are: L. Adams, J. Adrian, C. Ames, A. Ayer, C. Baichoo, T. Banks, M. Barkey, J. Barr, D. Barski, B. Baumbach, T. Bereswill, L. Berning, V. Biundo, A. Blades, M. Blechle, J. Blue, J. Boland, B. Bossi, J. Broker, A. Brown, K. Brown, E. Bryant, D. Bullock, N. Butler, J. Carlson, M. Chaffin, C. Chenault, T. Clavenna, D. Cohen, M. Comensky, T. Conway, J. Cordes, C. Crooks, J. Dalton, L. Danaher, B. Dancy, P. Danzer, T. Doan, J. Dougherty, J. DuBuque, M. Ebbs, K. Edwards, D. Elbert, T. Emmerich, D. Enke, B. Fall, D. Fischer, J. Fischer, T. Flak, K. Ford, R. Ford, M. Fox, W. Francis, C. Franklin, C. Fugate, W. Gaines, J. Gardner, R. Gardner, D. Gassen, B. Giltner, R. Gore, A. Gray, A. Griffey, D. Griffith, M. Gross, B. Guenther, H. Gugel, R. Haas, L. Hackman, K. Hamann, M. Harms, B. Haug, C. Hawkins, B. Hearn, J. Hentges, T. Hodge, K. Hoffmeister, A. Honse, W. Hooper, D. Horst, T. Hudwalker, D. Jackson, M. Johnson, T. Jones, M. Jungling, W. Jutte, S. Kellerman, K. Keran, D. Keihne, M. Kilgore, C. Kirby, J. Klump, B. Koch, K. Kohn, D. Kolbet, S. Koop, G. Korte, R. Kreutzer, A. Kruse, R. Kuzniakowski, C. Lager, M. Lahm, E. Lai, B. Lawrence, M. Lay, B. Lechtenberg, J. Leonard, M. Lyons, B. Maybery, R. Mallinax, P. Mar, M. Markel, T. Mauntel, B. McDaniel, D. McDaniel, M. McWhorter, G. Mettlach, P. Miles, R. Miller, T. Miner, M. Montgomery, J. Moore, D. Morris, B. Moser, D. Mueller, S. Munday, K. Namazi, L. Neels, K. Nelson, L. Nguyen, S. Nguyen, D. Niermeyer, D. Oglesby, E. Olson, M. Pappas, L. Phillips, J. Pollock, K. Pugsley, S. Quek, K. Rackers, P. Ridlen, B. Riegel, R. Riley, J. Robey, S. Sanders, D. Schamburg, E. Schneider, C. Scholten, T. Schroeder, M. Selberg, M. Shah, J. Smith, S. Snoble, J. Sopp, T. Sovar, K. Stone, R. Straus, K. Sze, S. Tay, K. Thomas, M. Tindall, L. Traxel, E. Tucker, M. Voss, B. Washam, W. Wilcox, G. Witte, A. Woerheide, S. Yek, M. Youngbluth.

M. Schmid

Two of UMR's professional and honorary engineering societies worked hard this year to raise funds for charities and scholarships.

Theta Tau Omega, a professional engineering fraternity, sponsored their annual Casino Night at which students paid an entrance fee of \$3.50 and gambled play money on poker, blackjack, craps or carnival games. All proceeds from the 1989 Casino Night went to Deafness Education and Awareness Foundations (D.E.A.F.).

Tau Beta Pi, an engineering honor society, also worked hard raising funds at their Work Day. At the spring Work Day, which had to be rescheduled due to bad weather, students performed odd jobs for local residents. In return for the student's work, townspeople made donations to Tau Beta Pi's Freshman Scholarship Fund.

Egg drop! Parry Mar watches as another student drops objects from the Chemical Engineering Building during Tau Beta Pi's Egg Drop Contest.



below!

societies host activities



M. Schmid



G. Halley

Chi Epsilon 1st Row: R. Kuzniakowski, T. Abkemeir, R. Tucker, R. Ford, L. Cocquyt, A. Volmert, K. Light. **2nd Row:** P. Harris, C. Lee, Dr. R. Lentz, K. Low, L. Neel, J. Sopp, J. Hinson, R. Meyer, D. Choy. **3rd Row:** T. Pankey, R. Huizinga, B. Giltner, P. Ridlen, R. Howard, C. Borgmeyer, R. Joel, M. Pappas, C. Pan, C. Layton.



M. Schmid

Upsilon Pi Epsilon 1st Row: P. Andrews, E. Courillion, T. Brown, M. Klaesner, C. Schroeder, A. Mills. **2nd Row:** J. Blunt, S. Panhorst, G. Tudda, D. Owens, C. Talbott.



Theta Tau Omega Members are: M. Becher, D. Becker, T. Beck-erle, J. Borgmeyer, K. Brady, J. Cannedy, P. Conroy, R. DeChant, D. Donaldson, M. Donnelly, M. Ellis, J. Engelhard, K. Fahrenkrog, J. Freeman, B. Fritsch, G. Gandolfo, F. Genovese, K. Gibson, M. Gross, S. Hagen, E. Hauser, D. Haushel, K. Haynes, D. Huevelman, T. Hudwalker, J. Jackson, J. Julian, M. Keith, G. Kertz, N. Kluckin, J. Kuehn, J. Koenigs, G. Kouba, E. Kozak, C. Laughter, D. Lawrence, C. Layton, K. Lewin, S. Light, M. Loethen, R. Martin, B. Moore, B. Norris, J. Pope, R. Reimer, B. Rolli, E. Smarko, M. Steagall, E. Stockgluasner, C. Taylor, T. Taylor, M. Teel, J. Tesson, D. Zimmermann.

M. Schmid

Minority organizations

The University of Missouri-Rolla's Minority Engineering Program is making a lasting impression at UMR.

This program deserves much public recognition. Minority students in engineering, including ethnic groups and women, benefit from the program.

The program offers aid to minority students. Scholarships are offered to encourage continuing education and academic excellence. The program also provides a link between the students and the administration and helps to prevent any discrimination of students.



B. Booth

India Association 1st Row: A. Aganual, B. Sengupta, B. Sinha, B. SubbaRao, S. Sen. **2nd Row:** R. Batra, R. Huggahalli, S. Kumar, W. Ereuttes.



B. Booth

Association for Black Students 1st Row: D. Anderson, S. Dawkins, J. Hubbard, S. Strickland, D. Robinson. **2nd Row:** K. Howard, A. Cummings, R. Enyard, T. Bates, B. Wilson, S. Hutson, J. Williams.

International Students Club Members are: A. Bartels, E. Bae, A. Kutraqudda, C. Shu, Prof. M. Findley, J. Morgan, R. Dowling, T. Konstantinos, Prof. L. Haynes.

J. King



host many events

Another organization which aids minorities is the National Society of Black Engineers. This year NSBE sponsored Black History Month, which is held annually in February. Many special events, including a trivia bowl, were held during the month, and several guest speakers addressed the students.

This year, Errol B. Davis Jr., president of the Wisconsin Power and Light Co. in Madison, Wisconsin, spoke at the African-American Heritage Banquet. Davis' company also contributed \$2,500 to the Minority Engineering Program and \$2,500 for scholarships.



Contestants in the 1989 Ms. Black Engineer Pageant included LaWanda Pritchard, Patti Verner, Antonia Love, Marcia Howard, Angela Cooper, Karen Jones, Tamiko Youngblood, and Esther Walker.

And the winner is . . . Ms. LaWanda Pritchard, a junior majoring in civil engineering. LaWanda also was named Ms. Photogenic at the April pageant.



T. Davis

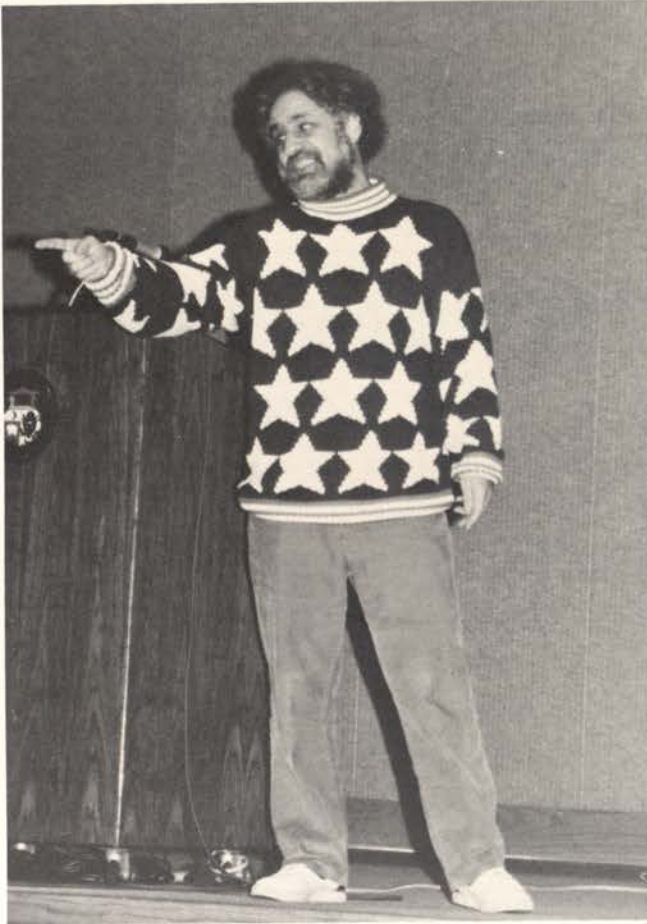
Korean Students Association 1st Row: J. Chang, K. Ha, J. Choi, T. Kim, D. Heu. **2nd Row:** S. Rhee, S. Kang, J. Park, S. Lee, M. Lee, B. Kim, H. Rho. **3rd Row:** Y. Oh, J. Park, C. Kim, K. Han, Y. Kwon, D. Joh, B. Choi, H. Park, J. Lee. **4th Row:** J. Hwang, T. Choe, J. Han, H. Kim, S. Shin, S. Moon, S. Kang, K. Byun, J. Lee, E. Kang.



Thai Students Association 1st Row: C. Thamrongvithavatpong, T. Jiwanond, S. Suthiwong, W. Pattaropong, B. Nanagara, B. Siri-naovakul, S. Pramsaneh, T. Poshyanonda, A. Atilaksana. **2nd Row:** Dr. P. Namatra, Dr. V. Tungsiripat, T. Limaksorn.

M. Schmid

Play with SUB



A. Bartels

The Student Union Board has had another star-filled year, providing the students of the University of Missouri-Rolla with entertainment diversions, both intellectual and emotional. SUB carried on its lasting tradition of alleviating classroom stress with activities designed for the enjoyment of the campus.

Each semester SUB presented several popular movies including new releases and old favorites.

Various musicians were invited by the Student Union Board to perform here in Rolla. Some of these performers were Kansas, Night Ranger, Elaine Elias and Randy Brecker, Lonnie Brooks, The Rhythm Kings, Purple Haze, The Backdoors, and many others.

Other performers, such as lecturers, comedians, and theater guilds were sponsored by SUB to perform for the enjoyment of the campus. Lecturing on sex and censorship was the

late Abbie Hoffman. Sarah Weddington, who was the defending lawyer in the Roe v. Wade case which assured women the right to abortion, spoke on how to develop leadership skills and strategies for achieving key positions in any field. Michael Shannon, in a one man play, recreated Dietrich Bonhoeffer's imprisonment in Nazi Germany. The Arkansas Repertory Theater performed Animal Farm.

Students got the chance to be stars in the various competitions sponsored by the Student Union Board. This year there was a photo contest with the theme of "Autumn in the Ozarks." A triathlon highlighted the year for dedicated sportsmen. But for those with a lighter heart, there were frisbee-golf and spades tournaments, plus several other activities.



A. Bartels



M. Schmid

(Clockwise Beginning from the Right) The SUB office is kept running smoothly as Suzy Habowski answers the telephone. The flutist of the Ware Patterson Flute/Guitar Duo makes beautiful music.

The Student Union Board invited several speakers to lecture on campus. The late Abbie Hoffman lectured on sex and censorship.



M. Schmid



B. Booth



A. Bartels

(Clockwise Beginning with the Left) **Several students** participated in the pi-reciting competition. Becky Vanderwall stands blindfolded as she recites from memory the numerical value of pi. The value of pi was eventually recited up to 241 digits by the winner.

SUB's president Grant Phillips, flips burgers for the UMR campus at the SUB barbecue.

An actress, playing the part of Molly the Mare in Orwell's *Animal Farm*, performs her part perfectly.

Students



Southwinds: N. Drew, S. Rist, J. Lambing, Prof. E. Doty (Advisor), C. Bullock, K. Colter (Alumni). **Not Pictured:** R. Martin, B. Simmons.

MISSOURI MINER (Photo not available at time of publication)
Members are: L. Trimble, S. Dinwiddie, C. Tefft, M. Lahm, T. Brackett, J. Pope, S. Martin, N. Pagano, A. Nash, J. Esparrago, L. Williams, D. Libiez, D. Gualtieri, P. Corpeny, D. Freeman, M. Hurst, N. Okong'o, L. Tieber, M. Waggoner, V. Biundo, B. Goodman, S. Lowe, I. Brinegar, J. Eoff, S. Turner, L. Vigna, M. Adkins, T. Rademan, J. Allen, T. Emmerich, D. Cornwell.

KMNR 1st Row: G. Poettgan, T. Bowness, J. Bee, R. Daugherty, V. Biundo, M. Sun, J. Carlson, J. Jones, J. Jones, B. Sullinger. **2nd Row:** K. Briemmer, D. Heuser, S. Swatz, E. Norton, J. Collum, B. Linke, J. Sommer, M. Geary, J. Rozdilsky, C. Hughes. **3rd Row:** E. Schellenberg, G. Mueller, S. Franks, B. Congelon, B. Adams, K. Pontius, J. Brown, G. Boice, S. Keutzer, B. Parrish. **4th Row:** G. Knudtson, D. McDowell, S. Birdsong, M. Harvey, S. Mayer. **5th Row:** D. Fischer.

M. Schmid

ASUM, the Associated Students of the University of Missouri, is a student-funded, student-operated, student-servicing special interest group. ASUM's headquarters are located in Columbia, Missouri with a branch office Rolla.

ASUM's function is to ser-

vice the needs and the interests of the students at the University of Missouri-Columbia and Rolla on a state-wide political level. Every UMC and UMR students is a member of ASUM, and every student benefits from ASUM.

(Right) **The music flows** at the Hitz Concert as Linda Anderson, Linda Miller, and Becky Mattison stand in front of the stage to enjoy the performance.

(Below) **"Dogs are people, too!"** points out Diane Moyer to her dog, Shyza, at a GDI-Independents meeting.



A. Bartels

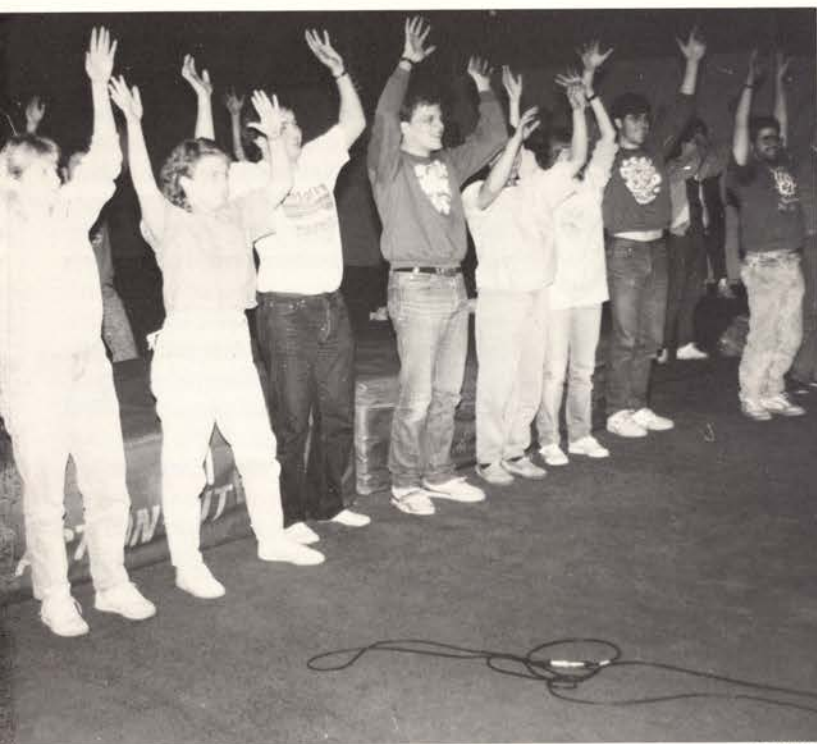


are ASUM

Members of ASUM are entitled to participate in the political intern program. Students participating in the program receive credit for political science from UMC and an option to take three or more credit hours of their choice.

As an intern, each student

acquires first hand experience in politics. Students spend a semester lobbying in Jefferson City, speaking before committee hearings, and approaching state legislators to confirm support for student issues.



A. Bartels



M. Schmid

ROLLAMO Photographers: J. McHaney, E. Hassinger, T. Davis, B. Booth, M. Schmid.



ROLLAMO Editors: A. Moerlien, M. Brown, C. Martin, M. Strouse, J. Blue, B. Smith, R. Sachs, S. Anyon, M. Overvelt, B. Booth, C. Eyerman. **Not Pictured:** C. Alofs, B. Cato.

UMR TKD



J. McHaney

(Above) **First degree** black belt, Lih-En Shee, demonstrates how to break a wooden board with a powerful spinning back kick at a demonstration given for UMR students in the fall. The demonstration is given annually to help recruit new members for the club and to show the public the skills and technique of the members in the club.

(Below) **The UMR Tae Kwon Do** instructor, Steve Shinn, returns from the Olympic Training Center in Colorado Springs for the fall semester of the 1988-89 school year to continue teaching members of the club. Steve Shinn is a third degree black belt.



J. McHaney

The University of Missouri-Rolla Tae Kwon Do Club had an impressive year. The TKD Club is the only club on campus that offers one the opportunity to study the ancient Korean martial art, Tae Kwon Do. The club is open to all UMR students, faculty, staff, and their relatives. The UMR Tae Kwon Do Club has done exceptionally well in state and national tournaments. Those that compete often rank within the top five.

The club can boast of several stars for the 1988-89 school year under the tutelage of the instructor, Steve Shinn. Steve Shinn graduated in May 1987. He went to train for the 1988 Olympic Games. Shinn captured third place in the 14th U. S. National Championship in Miami, Florida. With the experience Shinn gained in training for the Olympics, the club has done well in all levels of competition.

In June, Thanh Melick, a brown belt in the TKD Club, competed in the Junior Olympics in Tampa, Florida. Melick fought two matches. The first match pitted Melick against a taller opponent, placing him at a disadvantage due to the longer reach of his opponent. Nevertheless, Melick overcame his opponent with skill and a mastery of techniques to win the match. Melick had a more difficult match with his next opponent. Despite losing this match, he showed good sportsmanship and skill. Melick had an overall standing of fifth place.

The TKD Club competed in the 15th Annual Tae Kwon Do tournament in Kansas City in October. Nine members of the club completed in free sparring. Three of the members competing took first place in their divisions for sparring.

In the yellow and orange belt light weight division, the UMR contestants were Ralph Minor, Chris Thompson,

Excels

and Adam Sibley. Ralph Minor took second place in orange belt forms, and took first place in sparring. Minor fought four matches, winning the final match with a round kick to the head of his opponent. Sibley competed in the orange belt competition for 10-14 year olds. Sibley placed fourth in his division for the forms.

At the junior brown belt level, Thanh Melick placed second in the competition for the forms. Melick lost his first match in sparring to the eventual first place winner.

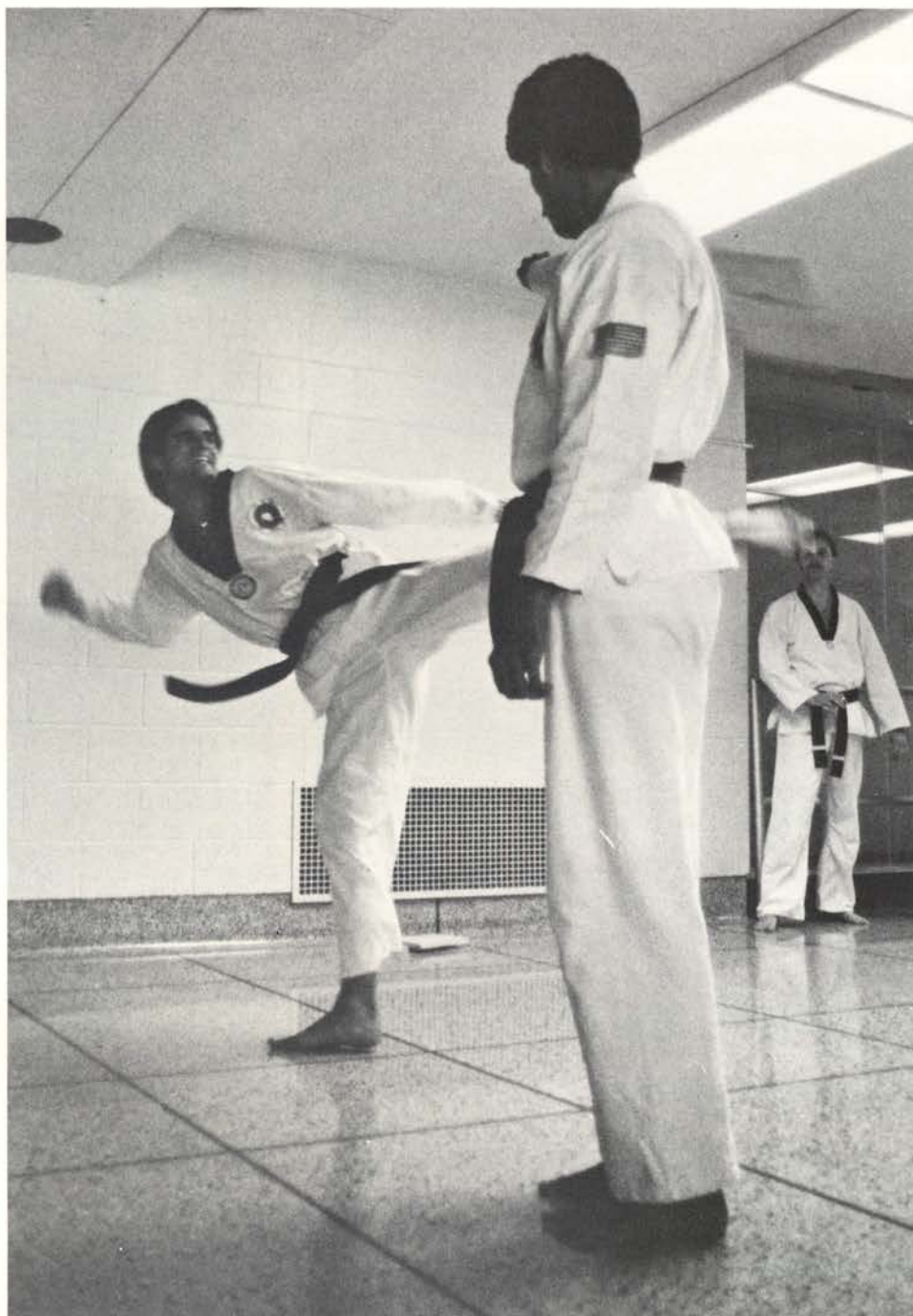
Competing in the men's heavy-weight division was brown belt, Jim Saavedra. Saavedra placed first by winning his fourth match.

The club had four black belts competing in the tournament. Ho Cho, competing in the men's welter-weight division, placed first in free sparring.

In the Missouri State Championships, held in St. Louis, three members of the club emerged as state champions. Dan Moran, a brown belt, fought in the men's light-weight division. Moran dominated his matches with numerous body kicks and punches, taking the state championship.

Kwang Park, a first degree black belt in the bantam-weight division, took the lead in the first minutes for the match, driving his opponent out of the ring several times with round kicks and pushing kicks throughout the match. Park was awarded the title of State Champion in his division.

Following the State Championship, the club competed in Rho's Invitational tournament. Kwang Park, Thanh Melick, and Robert Hepler placed first in the sparring competition. In the forms competition, Andy McCullogh and Nilson Goes placed first.



J. McHaney



(Above) **Leading workout sessions** in Steve Shinn's absence, third degree black belt, David Schnucker, shows how to break a board with a round kick at the fall demonstration.

(Left) Steve Shinn's hand is raised in victory!



E. Tavenner

Pershing Rifles — 1st Row: M. Pettit, A. Semifero, C. Wehmeier. 2nd Row: J. Harbaugh, D. Lindgren, R. Guieb.



C. Halley

Raiders 1st Row: T. Neild, R. Williams, C. Penningroth, C. Wehmeier, K. Owings, D. Greim, S. Blunt. 2nd Row: A. Johnston, D. Tajkowski, J. Oberkirsch, M. Fait, J. Mathis, A. Speck, J. Shoot. Not pictured: H. Doty, C. Gerard, B. Rodgers, M. Woodward, J. Luce, T. Polesel.

Arnold Air Society 1st Row: C. Still, M. Whalen, L. Herbert, K. Thein, K. Shelton, T. Beerman, W. Rowell, R. Workman. 2nd Row: J. Wollard, S. Virtue, S. Shaw. 3rd Row: B. Sander, J. Rainwater, E. Haynes, D. Rainbolt, P. McCroskey, G. Stone, J. Vetter. 4th Row: R. Boswell, M. Lutes, T. Harris, E. Huggins, J. DeVaney, J. Forehand, T. Nierman, D. Meyer.

B. Booth



T. Davis

Tossing eggs was one of the activities at the Army ROTC Ground Hog Day Party.

(opposite) **Hot and spicy chili!** Steve Crusinberry checks a pot of Capt. Robert Daniel's chili before the Ground Hog Day party.

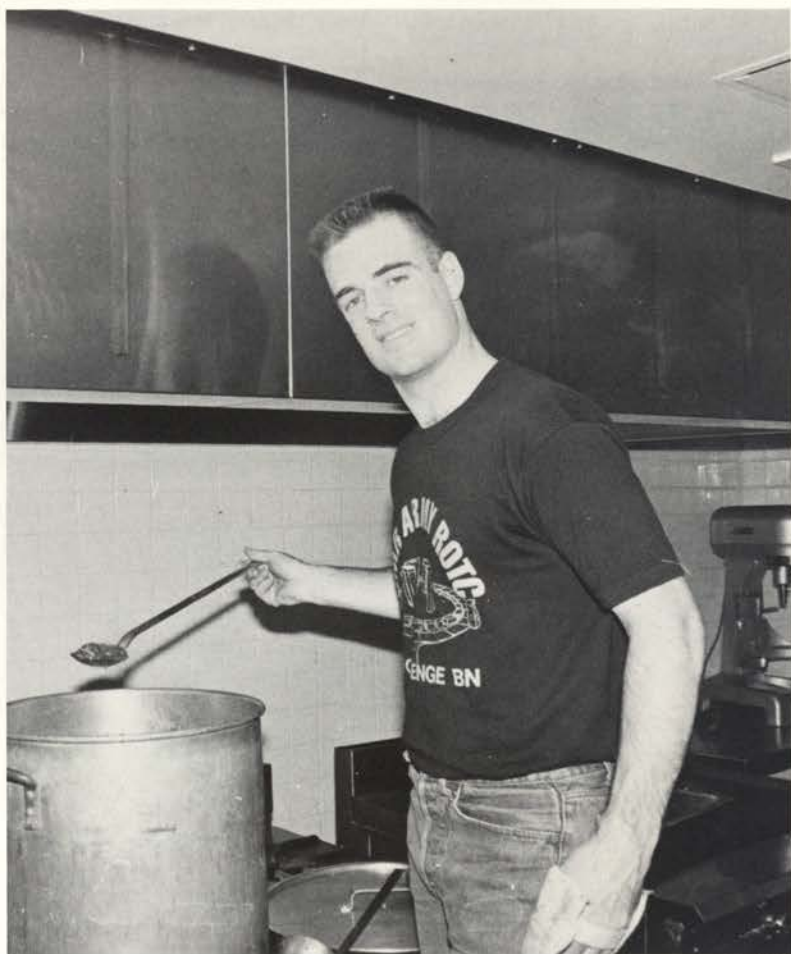
(right) **Ground Hog Day Royalty** Jeff Sutton and Lydia Zimmermann were crowned King and Queen of the first annual Ground Hog Day Sponsorship Party.



T. Davis



Army ROTC sponsors Ground Hog Day party



T. Davis



J. Agutter

Angel Flight 1st Row: D. Willy, D. Barnhouse, A. Fehrenbacher, S. Dampier. **2nd Row:** M. Miller, Maj. G. Wempe, C. Hock, N. Holterman, R. Meyer, Col. J. Huguley, Mrs. M. Huguley. **3rd Row:** E. Brown, M. Jungling, L. Tutko, M. Clark, C. Hentges.



Society of American Military Engineers/Association of United States Army 1st Row: T. Nield, J. Nash, B. Steininger, S. Updike, K. Nichols, B. Rodge, S. Bach. **2nd Row:** R. Reckrodt, N. Martin, J. Delaurenti, A. Johnston, P. Bertrand, H. Benson, S. Blunt, M. Fait, P. Feuerstein, W. Easley, M. Hanke.

B. Booth

Walk for



D. Gawedzinski

Baptist Student Union 1st Row: B. Casebolt, T. Yu, J. Prince, P. Bain, J. Leonard, B. Clark, R. Younger. **2nd Row:** E. Matlock, S. Chang, Q. Finefrock, P. McLaughlin, H. Gugel, J. Bray, J. Orr, R. Bray, L. Vernon, K. Prengler. **3rd Row:** D. Parrott, C. Patterson, C. Reinbolt, J. Rutherford, R. Weirich, V. Taylor, S. Patel, S. Sorrell. **4th Row:** J. Parrott, M. Brooks, D. Sigler, R. Riley, S. Barks, R. Rosner, D. Thomas, M. Hill, M. Henderson, K. Brown, B. Mayfield.



G. Bonney

Latter Day Saint Student Association: Dr. D. Law, M. Kelly, V. Carter, D. Carter, P. Work.

Intervarsity Christian Fellowship 1st Row: R. Dobson, J. Sanders, M. Schollmeyer, R. James, P. Whitten, T. Mathai, V. John. **2nd Row:** P. Moore, M. Miller, C. Bennett, R. Hazelhorst, C. Henje, T. Roth, R. Huizinga, A. Moss, R. Sparrow.

A. Bartels



The second annual Rolla "CROP HUNGER WALK" was held on Sunday, September 25, 1988. While approximately 250 people gathered at UMR's Hockey Puck, the Rolla High School Band entertained the public before the walk began.

The walkers began their ten

kilometer trek shortly after 2 p. m. The last walkers crossed the finish line two and a half hours later. Many student organizations completed the walk. Among these organizations were Delta Sigma Theta, Wesley, St. Pat's Board and Student Council.



the hungry

Pledges based on how far participants walked raised over \$7,100. A quarter of the funds raised went to L. O. V. E. The remainder of the funds went to the Church World Service, which distributed the money to over fifty organizations around the world with the purpose of

giving emergency aid and self-help projects to those who are hungry.

UMR students and Rolla citizens walk down the street with the hope of helping those who are hungry.

S. Dyer



B. Kronschnabel

Lutheran Student Center 1st Row: P. Lempe, B. Kronschnabel. **2nd Row:** M. Irose, J. Johnson, J. Hertel, A. Kruse, M. Buhl. **3rd Row:** G. Rubel, F. Reinsel, Pastor Janssen, B. Moellenhoff, C. Moellenhoff, S. Hargis, D. Medrow, R. Coleman, W. Schmidt.



Christian Campus Fellowship 1st Row: L. Knowles, T. Billings, M. Billings, J. Shook, D. Allcorn, L. Daughtery, K. Schneider, A. Hall. **2nd Row:** A. Waggoner, M. Parmeley, R. Parmeley, D. Wriedt, G. Weible, D. Kim, J. Replogle, T. Brown, J. Board, M. Gardner. **3rd Row:** M. Blotter, B. Humphrey, J. Baker, M. McKay, P. Wong, B. Elmer, J. McGlaughlin, S. Vanskike, S. Wynn, J. Blunt. **Not Pictured:** R. Elmer, T. Bequette, A. Fridrich, S. Risbeck, G. Lupton, P. Lindemuth, T. Yu, K. Fong, S. Dickinson, S. Shaw, J. Sanders, P. McDonough, T. Hulsey.

A. Bartels



J. McHaney

Newman Center 1st Row: R. Lisenbe, M. Smith, L. Danaher, G. Neubig, D. Pautler, M. Barnett, M. Zawila, R. Ahlers, D. Hinds. **2nd Row:** J. Fan, E. Couvillion, C. Weatherwax, L. Newquist, T. Smolen, D. Burke, S. Pottinger, T. Tillison, D. Trudell, R. Thompson. **3rd Row:** Rev. C. Pardee, M. McLaughlin, J. Dalton, S. Esker, K. Hayes, M. Schollmeyer, D. Keller, J. Diederich, C. Borgmeyer, V. Biega, L. Danaher.



A. Bartels

Muslim Student Association 1st Row: J. Murtaza, X. Md. Som, M. Yahaya, H. Mustaffa, R. Arabi, N. Kaakati, A. Missoum, B. Husin, M. Kassir, A. Halim, A. Noweir, A. Adam, M. Farhadinia, A. Yussuf, N. Mokhtar, F. Ismail, K. Arshad, A. Abdullah. **2nd Row:** B. Said, H. Isa, Mahmood, R. Bahoruddin, Y. Yunus, M. Erenay, S. Jalil, A. Ozturk, Mulyanto, Nader, K. Abdullah, S. Saad, Z. Mazlan, M. Kotob, M. Jamil, J. Bilal, A. Ghazifard, A. Daham, N. Toha, A. Arshad, R. Bakar, M. Izadi, R. Zamanian, N. Bujang, F. Ismail.



Ghouls haunt UMR students

Rolla was haunted on Halloween by the Wesley Foundation, the Newman Center, and Sigma Epsilon fraternity. These groups collaborated to set up a haunted house. The Newman Center house was transformed into a frightful creaking building as members of these groups dressed up in costumes to scare the public. The proceeds from the haunted house went to local charities.

(left) **Bats** hover over Jason McHaney, who plays a ghoulish humpback, during a Halloween haunted house.

(below) **Sigma Epsilon** members use frightful touches to scare the public.



A. Bartels



J. McHaney

Officer's Christian Fellowship 1st Row: E. Vanderwall, B. Vanderwall, K. Burkhalter, T. Crosnoe, M. Miller, T. Coudrey. 2nd Row: R. Vanderwall, E. O'Connor, J. Winders, G. Stone, M. Goddard, G. Blenski.



G. Halley

Koinonia 1st Row: D. Boggs, J. Jaquess, L. Cocquyt, K. Dean, J. Ford, J. Tansil. 2nd Row: B. Lawson, R. Lawson, S. Widener, B. Cooksey, L. Wiles, D. Barski, G. Vaughn, T. Emmerich.

Wesley Foundation: T. Huenfeldt, J. McHaney, M. Calaway, S. Delling, J. East, R. Platz, B. Kruger, J. Williston, A. Williston, M. Tulley, K. Gausas, J. Rainwater.

J. McHaney



St. Pat's 1989

The St. Pat's Board

St. Pat's Board - Senior Reps 1st Row: Ken Haynes, John Segur, Todd Taylor, Jeff Reinke-meyer, Tim Holland, Dave Clifton. 2nd Row: Dave Boedeker, Brett Tisch, Charlie Comeau, Kevin Bartz, Tim Gode, Mike Cobb. 3rd Row: Jim Dierkes, Dave Brennan, Trace Orf, Chris Layton, Mike Donnelly. 4th Row: Scott Birdsong, Doug Millar, Trace Autry, Rich Schmidt.



Photos by M. Schmid



A. Bartels



Baby and junior board reps look on while contestants play volleyball at Septemberfest.

St. Pat's Board President and 1989 St. Pat, Chris Layton.

St. Pat's 1989

The St. Pat's Court



M. Schmid

St. Pat's Board - Junior Reps 1st Row: Chris Spreitler, Brad Wadle, Dave Bernhard, John Flake, John Spencer. 2nd Row: Jim Baldwin, Allan Bush, Jason Lowry, George Rea, Mike Dyess, Jeff Schuessler, Mark Takatz. 3rd Row: Mike Hurst, Tom Oberbeck, Tim Harster, Andy Storf, Mike Cook, Doug Millar.



Courtesy of the MISSOURI MINER

St. Pat's Court: St. Pat: Chris Layton. Master Guards: Todd Taylor, Ken Haynes. Guards: John Segur, Mike Donnelly, Dave Boedeker, Jim Dierkes. Herald: Trace Orf. Pages: Jeff Reinke-meyer, Brett Tisch. Trumpeter: Tim Holland.

St. Pat's 1989

Septemberfest



Photos by D. Gawdzinski

Board rep John Segur offers a helpful comment to a contestant in the Septemberfest Keg Carry Race.

Amy Driver makes a bid to win the Sexy Legs Contest.

The Kappa Sigs find shade from the sunny afternoon under one of the pavillions at Lion's Club Park.



St. Pat's 1989



Before and After: The Sig Tau's send one of their own into the pond at Lion's Club Park.



Photos by A. Bartels

All eyes go upward after the ball during an exhibition rugby game at the festivities.

Fans cheer on the UMR Rugby Club.



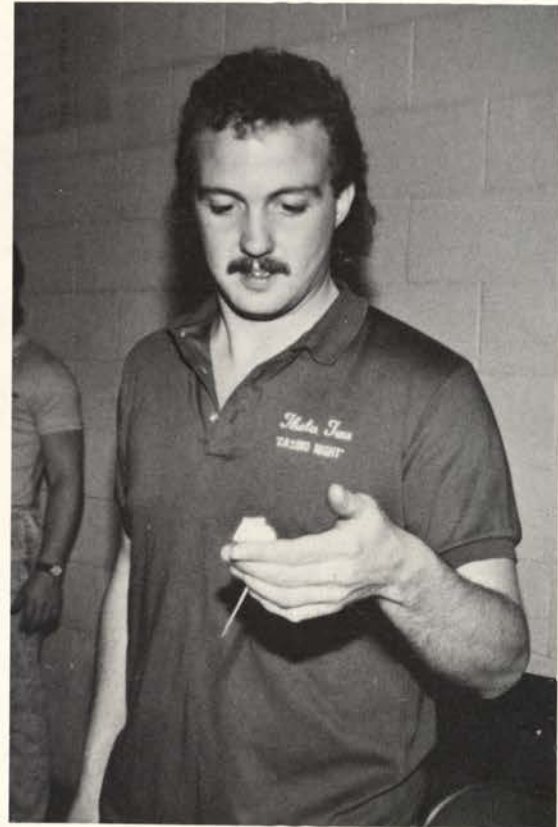
St. Pat's 1989

Theta Tau Casino Night

Theta Tau's Rick Martin and Chris Taylor stand guard over the prizes collected by the organization.

Mike Gross prepares to send a dizzy rodent onto the Mouse Roulette Table.

Pseudocraps attracted the attention of many "gamblers" throughout the evening.



St. Pat's 1989 Coronation



Photos courtesy of MISSOURI MINER



Student knight Pete Corpeny kneels before St. Pat during the knighting ceremony.

1989 Queen of Love and Beauty Morgan Myer is escorted down the coronation aisle.

St. Pat's 1989

Snake Invasion

Power Stroke: A freshman puts the final touches on a partially decapitated rubber snake.

Some freshmen found it smart to have two shillelaghs on hand when the Board reps pointed snakes out.

"God. I love being a nightmare!" shouts a board rep as he locates another slothery reptile for freshmen.



A. Bartels



A. Bartels



B. Booth

St. Pat's 1989

Follies and Frivolities



T. Davis

Finding how many garters can be put on one leg in one minute is a challenge for the Pi Kapps team.

Anne Chapman receives the first place trophy for the Leprechaun Look-a-Like Contest from St. Pat Chris Layton.

Greenest male George Malone collects his trophy from St. Pat.



M. Schmid



Photo courtesy of MISSOURI MINER

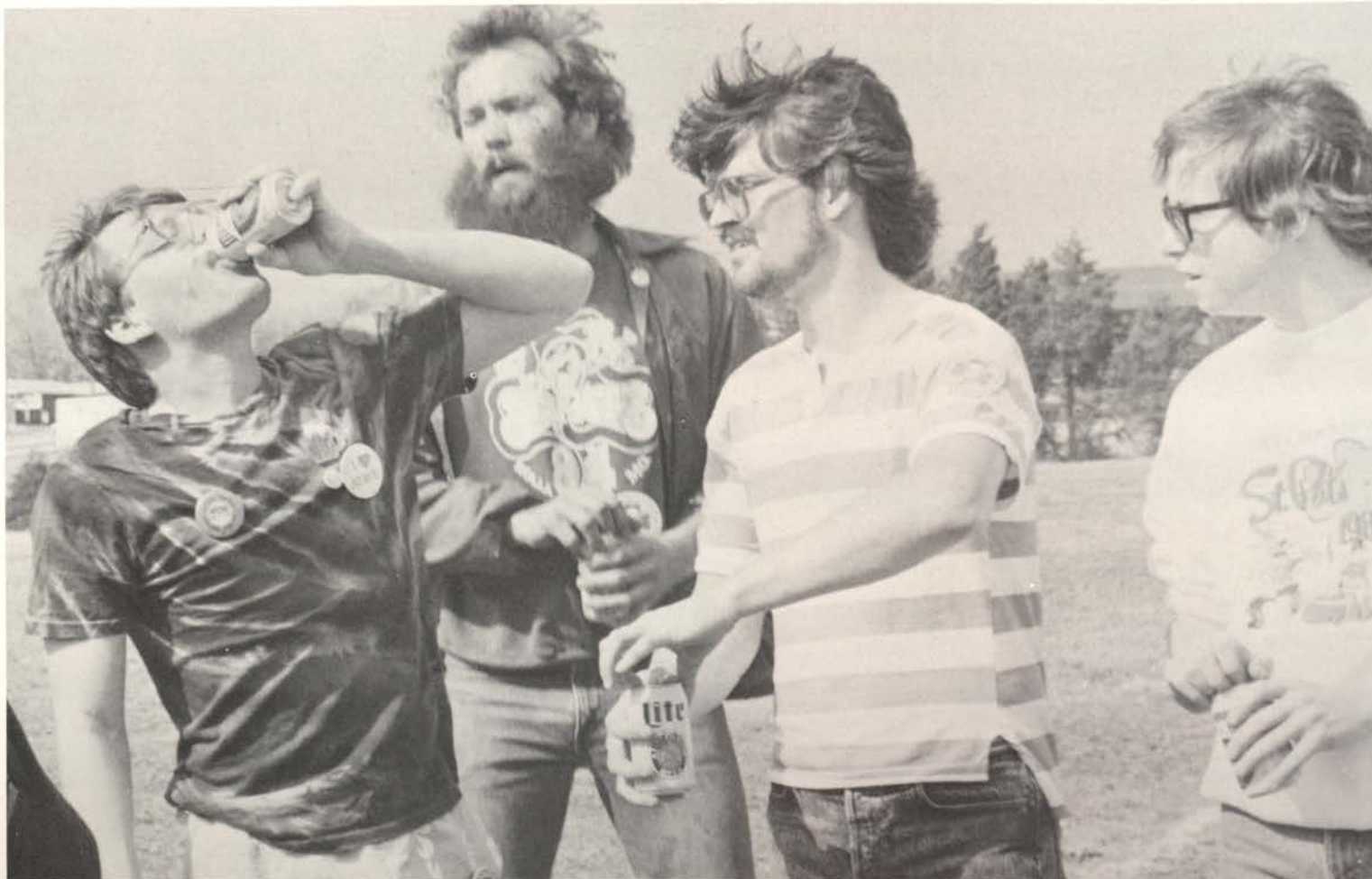
St. Pat's 1989 Games

Kappa Sigma's Rick Stehlin holds onto his hat while running his leg of the course in the Bat Race.

GDI's Bob Linke receives support from his teammates in the 8-Man Chug.



A. Bartels



St. Pat's 1989



B. Booth

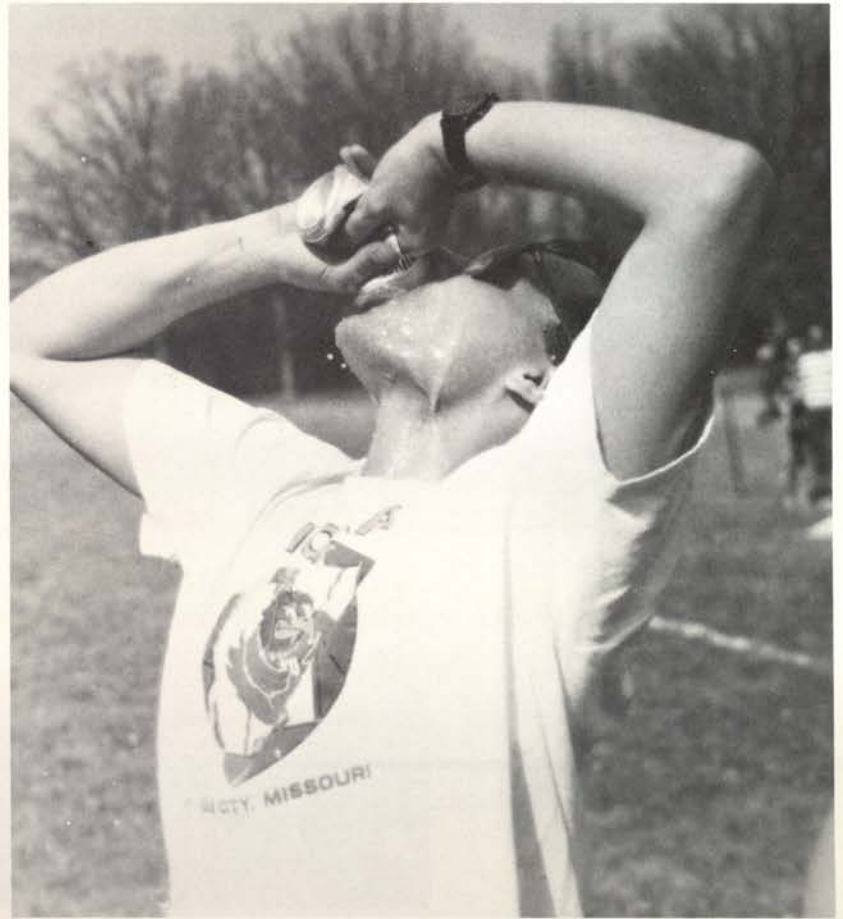
The Women's Bat Race is slightly less demanding than the Men's, with fewer required rotations around the bat.

The mixed three-legged race brings guys closer to their dates as they head for the finish line.

By the end of the 5 Man Boat Race, just drinking can be considerably messy.



Photo courtesy of MISSOURI MINER



B. Booth

St. Pat's 1989 Parade



B. Booth



B. Booth

Alumni of the St. Pat's Board have a little fun while painting the streets green.

TKE's show off their first place cudgel in the parade.

Automation was the key to a successful float in the St. Pat's parade, as Pac-Man actually chased after the ghosts of the video game.



A. Bartels

St. Pat's 1989

Alice



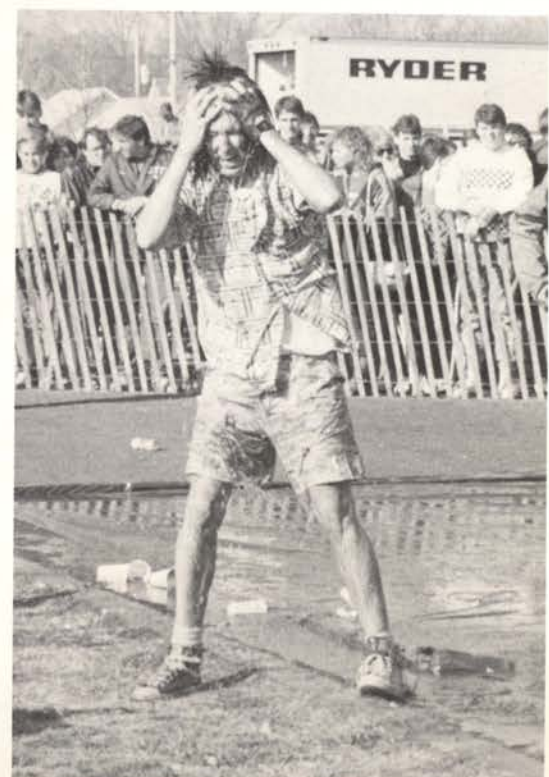
Courtesy of MISSOURI MINER

A student knight comes face to foot in the brief ceremony before being dunked in Alice.

The Dunking. No more need be said. Jeff Beetz tries to recover after his experience with the tub of green gunk known as Alice.



B. Booth



Courtesy of MISSOURI MINER



SENIORS

200 Seniors



Photos by T. Davis



Seniors

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Caps and gowns, pomp and circumstance, and long boring speeches by officials of the United States Department of the Interior marked the 116th Annual Commencement of the University of Missouri-Rolla. Over 760 degrees were

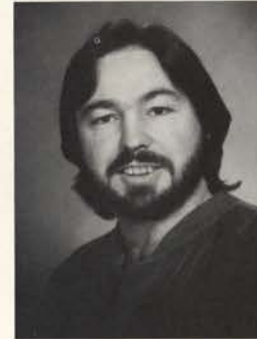
awarded in the spring ceremony, which when combined with the degrees in the 1988 Winter Commencement, will once again place UMR in the top 10 colleges in the nation awarding engineering degrees.

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*Electrical Engineering
and Physics*
Lori J. Adams
Chemical Engineering
Marcus S. Adkins
Aerospace Engineering
Katherine M. Adrales
Psychology



Luis R. Adrales Jr.
Engineering Management
Christi K. Aldrich
Engineering Management
Loren R. Allbritton
Electrical Engineering
David B. Allega
Aerospace Engineering



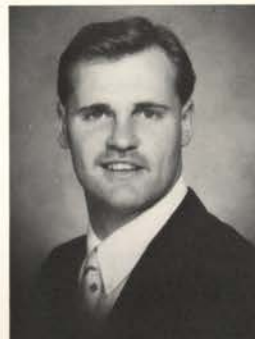
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Jeffrey C. Allen
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Christina E. Ames
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Brent W. Anderson
Geological Engineering



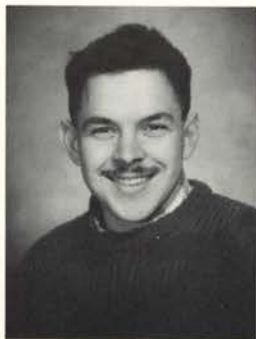
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Jason S. Au
Computer Science



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Applied Mathematics
Deo Baichoo
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Engineering Mechanics
John M. Barr
Ceramic Engineering
Thurman M. Bates III
Engineering Management
Jennifer L. Bayless
Psychology



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Civil Engineering
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Applied Mathematics
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Aerospace Engineering
Lee E. Belsky
Chemical Engineering
Eric A. Berberich
Electrical Engineering



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John A. Bevolo
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Mechanical Engineering
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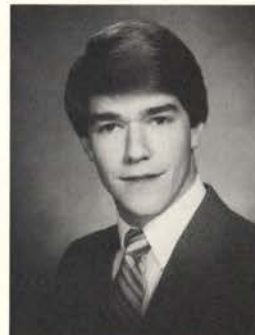
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Ceramic Engineering
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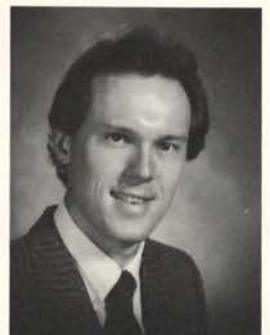
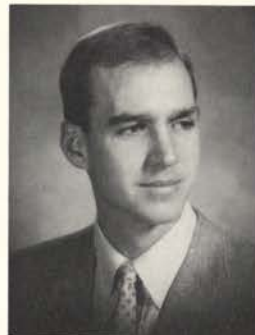
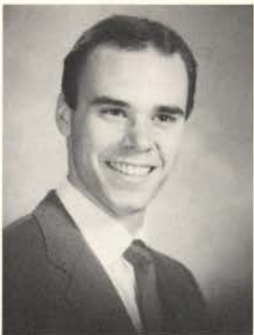
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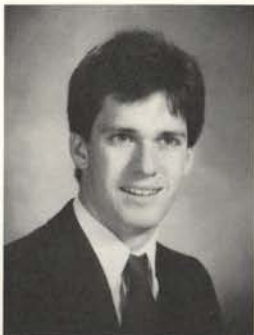
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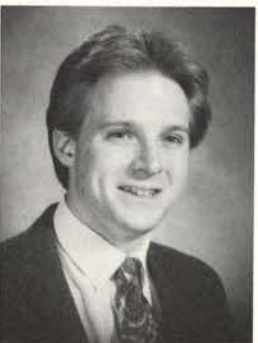
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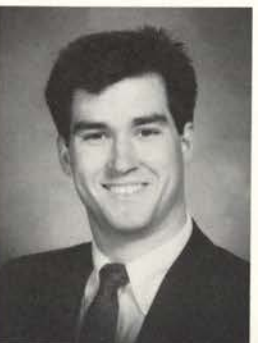
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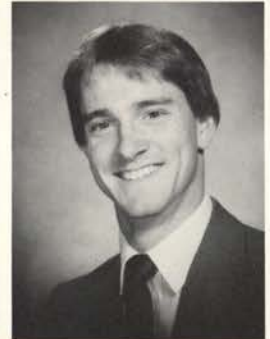
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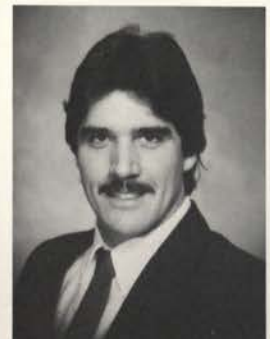
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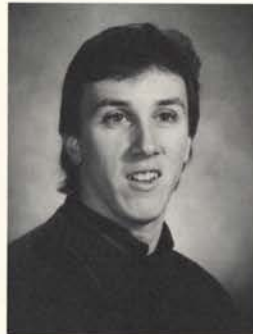
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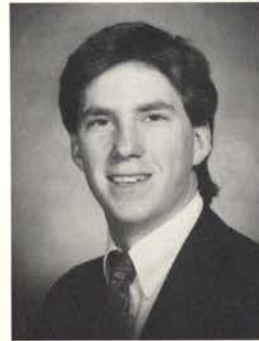
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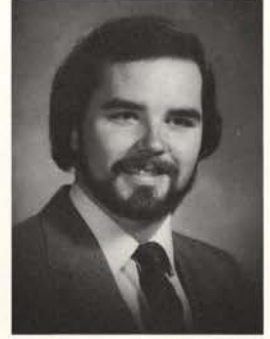
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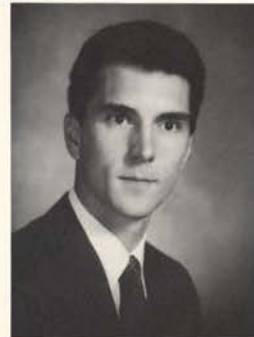
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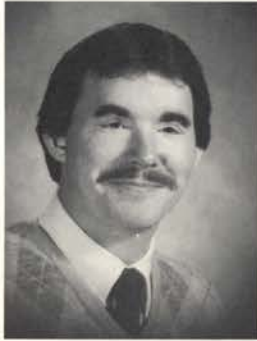
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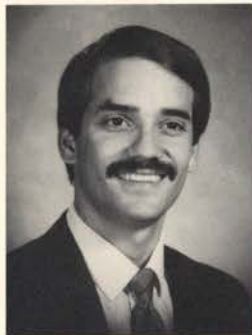
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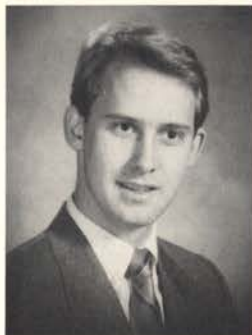
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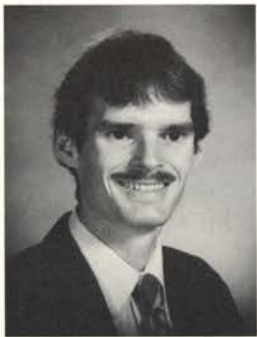
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Thomas G. Heiken

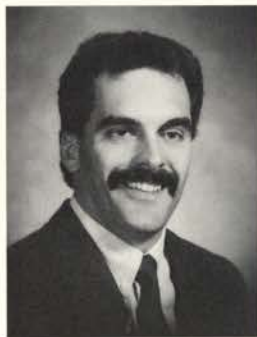
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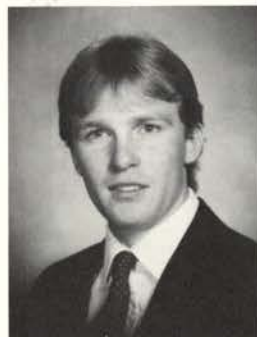
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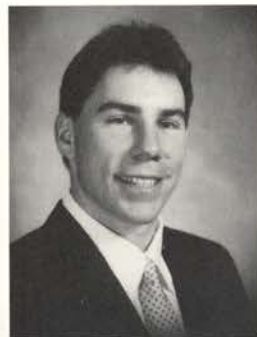
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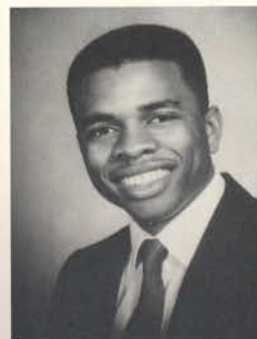
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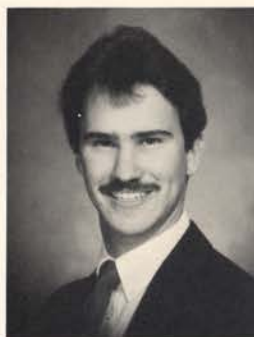
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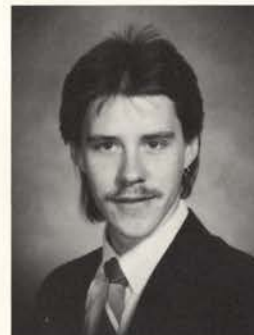
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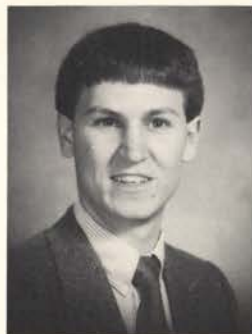
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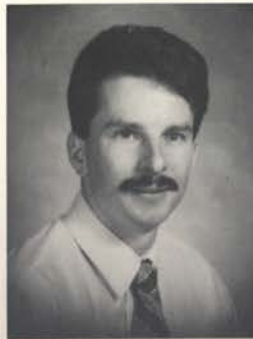
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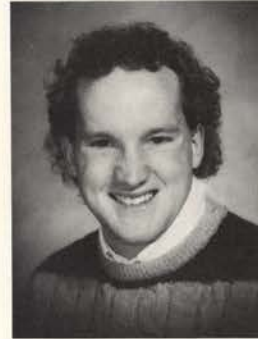
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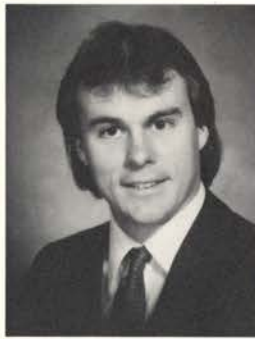
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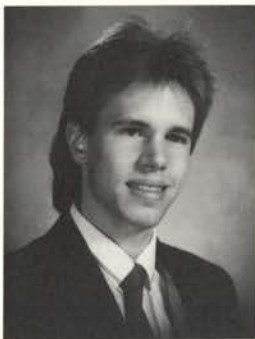
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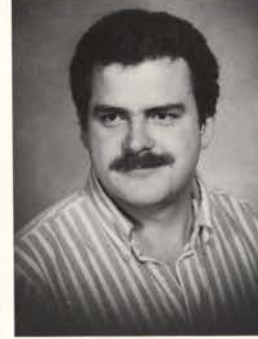
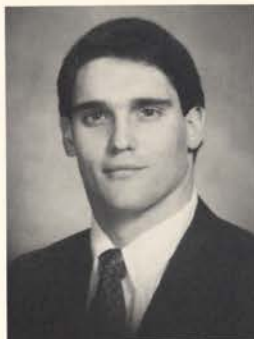
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Mechanical Engineering
Carl A. Mik
Electrical Engineering
Douglas A. Millar
Mechanical Engineering



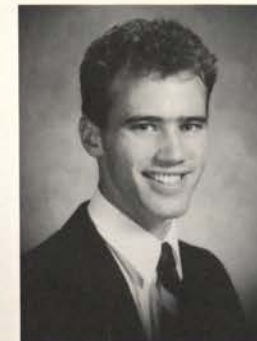
Brian J. Miller
Mechanical Engineering
David M. Miller
Electrical Engineering
Gregory C. Miller
Electrical Engineering
Michael H. Miller
Aerospace Engineering



Andy R. Mills
Computer Science
Todd R. Mills
Mining Engineering
Todd S. Miner
Chemical Engineering
David M. Mirly
Computer Science



John F. Mitchell
Mechanical Engineering
George H. Moellering
Geology and Geophysics
Dennis L. Molli II
Ceramic Engineering
Edwin T. Monroe
Physics



SENIORS



Michael D. Montgomery
Civil Engineering
Guillermo C. Montori
Engineering Management
Daryl J. Moore
Engineering Management
Jeffrey W. Moore
Mechanical Engineering



Linda K. Moore
Chemical Engineering
Daniel B. Moran
Electrical Engineering
Michael G. Morey
Computer Science
Douglas B. Morris
Electrical Engineering



Michael J. Morton
Economics
Jerry J. Moser II
Civil Engineering
William E. Moser
Mechanical Engineering
Eric G. Moss
Chemical Engineering



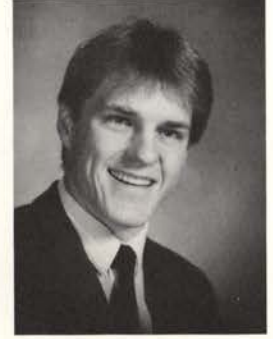
Donald W. Mueller
Mechanical Engineering
Suzanne C. Mueller
Chemical Engineering
Michael B. Murch
Electrical Engineering
Koorosh Namazi
Electrical Engineering



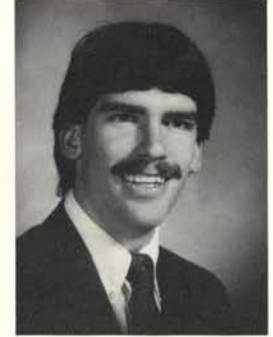
Laura A. Neels
Civil Engineering
Paul D. Nester
Mechanical Engineering
Alice A. Netzer
Nuclear Engineering
Gregory P. Neubig
Aerospace Engineering

SENIORS

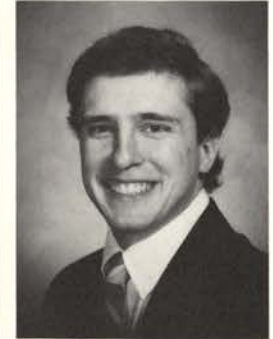
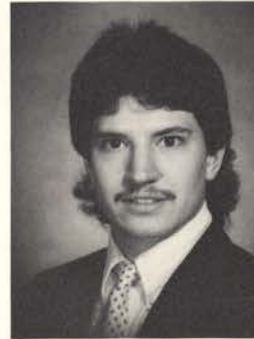
Tamara K. Neudecker
Engineering Management
Gregory J. Neuner
Mechanical Engineering
Loc T. Nguyen
Electrical Engineering
Barton J. Nichols
Electrical Engineering



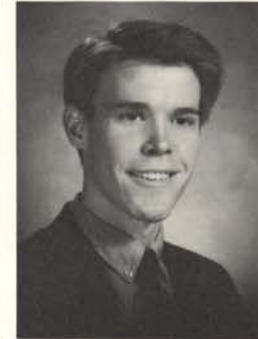
Jim A. Niebergall
Mechanical Engineering
Bradley A. Nielsen
Electrical Engineering
Douglas R. Niermeyer
Ceramic Engineering
Dan W. Nobbe
Electrical Engineering



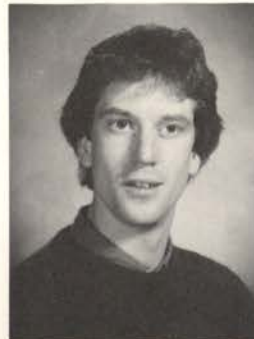
Douglas J. Nolkemper
Civil Engineering
John R. Norris
Engineering Management
Donald R. Norton
Chemical Engineering
Dwayne S. Nowak
Electrical Engineering



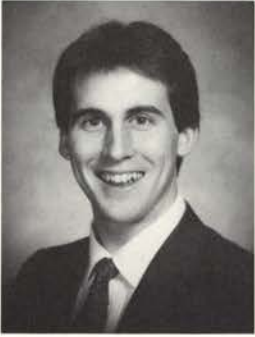
Diane M. Oehlschlaeger
Life Science
John K. Oetting
Mechanical Engineering
Erik D. Olson
Aerospace Engineering
Michael J. Orlando
Psychology



Hal S. Padgett
Life Science
James R. Page
Electrical Engineering
Michael P. Pappas
Civil Engineering
Jae Y. Park
Electrical Engineering



SENIORS



Ernest C. Parrish
Geological Engineering
Waravut Pattarapong
Engineering Management
Alec M. Patterson
Mining Engineering
Dennis G. Pautler
Aerospace Engineering



Scott D. Peel
Engineering Management
Joe L. Pellegrini
Mechanical Engineering
John R. Pendleton
Aerospace Engineering
Julie C. Pennycuick
Engineering Management



Christine M. Perks
Computer Science
Timothy M. Peters
Ceramic Engineering
Keith E. Phillips
Engineering Management
Kirk A. Phillips
Aerospace Engineering



Eric J. Ploch
Civil Engineering
David H. Pollmann
Mechanical Engineering
Douglas J. Polster
Mechanical Engineering
Tim T. Popp
Ceramic Engineering



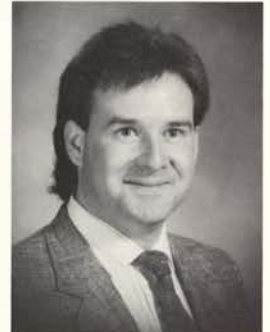
Tatyana Portnoy
Electrical Engineering
Brad C. Prevallet
Aerospace Engineering
Mark H. Privett
Mechanical Engineering
Kerstien A. Prohaska
Life Science

SENIORS

Brit D. Pulsipher
Electrical Engineering
Seng-Kwang W. Quek
Mechanical Engineering
Christopher J. Quinn
Mechanical Engineering
Karen R. Raab
Ceramic Engineering



Keith G. Rackers
Mechanical Engineering
Tracy D. Rademan
Engineering Management
Scott A. Rakers
Civil Engineering
David A. Randall
Engineering Management



William J. Rauckman
Electrical Engineering
Dale E. Ray
Electrical Engineering
Allen W. Reames
Mechanical Engineering
Johnnie H. Reddell
Mechanical Engineering



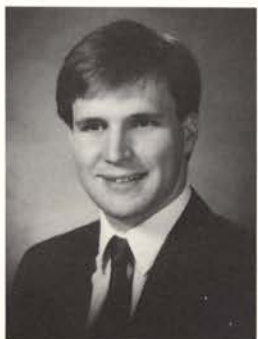
Keith M. Reeves
Electrical Engineering
Curt A. Rehkemper
Electrical Engineering
Frank L. Reinsel
Computer Science
David C. Reuland
Aerospace Engineering



Derek K. Rhodes
Geological Engineering
Robert W. Richmann
Chemical Engineering
Tim A. Richterkessing
Mechanical Engineering
Paul W. Ridlen
Civil Engineering



SENIORS



Rodney D. Riley
Civil Engineering
Walter R. Risbeck
Mechanical Engineering
Hans E. Rodgers
Electrical Engineering
John S. Rose
Electrical Engineering



Ronald A. Rosner
Aerospace Engineering
Thomas S. Roth
Computer Science
Joan M. Roulston
Life Science
Gary D. Rubel
Electrical Engineering



Robert M. Ruble
Civil Engineering
Mark O. Rust
Aerospace Engineering
Beth-Anne Ryan
Metallurgical Engineering
James A. Sago
Metallurgical Engineering



Lee F. Samaie
Chemical Engineering
Julie L. Sanders
Applied Mathematics
Deborah E. Sauer
Mechanical Engineering
Pamela T. Savage
Mechanical Engineering



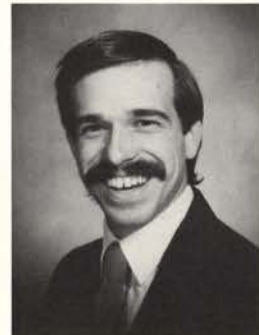
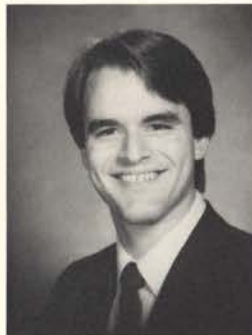
Craig P. Schannuth
Electrical Engineering
Kenneth D. Schebaum
Metallurgical Engineering
Carol M. Schergen
Life Science
Thomas W. Schlecht
Engineering Management

SENIORS

Mark A. Schlemeier
Engineering Management
Daniel R. Schmidt
Engineering Management
Robert F. L. Schmidt
Aerospace Engineering
Robert W. Schmitt
Mechanical Engineering



Nancy J. Schnitzer
Mechanical Engineering
David A. Schnucker
Mechanical Engineering
Patti J. Scholle
Psychology
Christopher J. Scholten
Electrical Engineering



Curtis M. Schroeder
Computer Science
Mark E. Schroyer
Civil Engineering
Louis J. Sciaroni
Electrical Engineering
Susan K. Scott
Electrical Engineering



Teresa L. Sears
Chemical Engineering
Charles L. Sebourn
Aerospace Engineering
Kelley L. Sheahan
Computer Science
Lih-en Shee
Petroleum Engineering



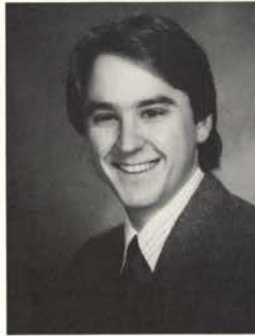
Joseph P. Shukys
Mechanical Engineering
Michael S. Silliman
Electrical Engineering
Philip J. Simpkins
Electrical Engineering
Linda F. Sims
Chemical Engineering



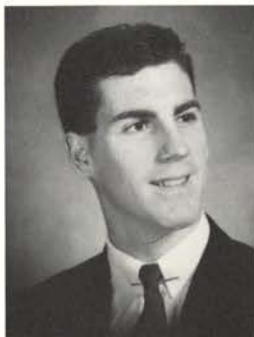
SENIORS



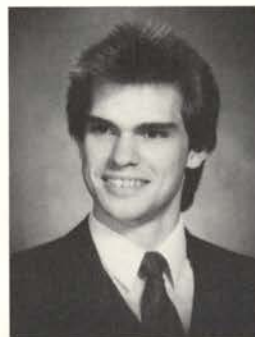
Shahnawaz Sinha
Chemical Engineering
Deborah A. Sinow
Aerospace Engineering
Randall L. Skaggs
Mechanical Engineering
Troy D. Slagle
Civil Engineering



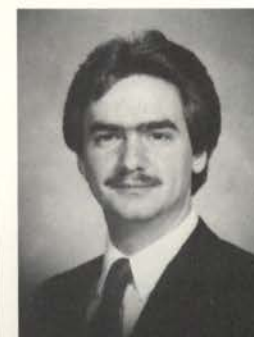
Anthony G. Smith
Aerospace Engineering
Dennis J. Smith
Aerospace Engineering
James W. Smith
Civil Engineering
Jerald A. Smith
Metallurgical Engineering



Shawn S. Smith
Mechanical Engineering
Ryan D. Sneed
Aerospace Engineering
Lori L. Snelson
Ceramic Engineering
Scott A. Snoble
Mechanical Engineering



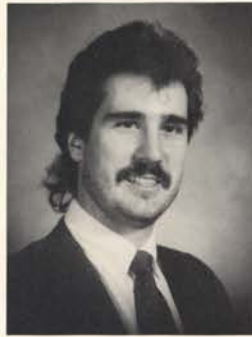
Kristin R. Snyder
Biochemistry
George V. Sola
Aerospace Engineering
Janice J. Sopp
Civil Engineering
Jeffrey L. Spanski
Engineering Management



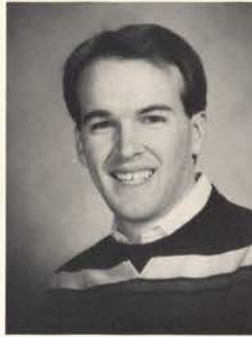
Richard A. Sparrow
Physics
Laura I. Spencer
Chemical Engineering
Cynthia J. Stafford
Civil Engineering
Christopher P. Stammer
Engineering Management

SENIORS

Kris H. Stange
Mechanical Engineering
Jeffrey M. Stark
Electrical Engineering
J. Evan Stark
Computer Science
Gregory G. Stettes
Mechanical Engineering



Karla J. Stieffermann
Chemical Engineering
Steven A. Stiles
Mechanical Engineering
Terry L. Stocking
Computer Science
Christine D. Stoverink
Electrical Engineering



H. Charles Straub
Physics
Richard J. Straus
Mechanical Engineering
Gregory J. Suellentrop
Chemical Engineering
Steve C. Sullivan
Electrical Engineering



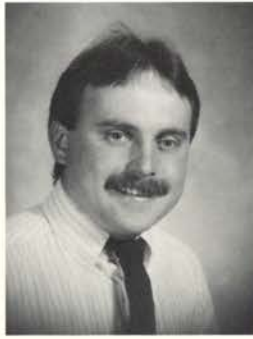
Timothy S. Surdyke
Mechanical Engineering
M. Duane Symes
Metallurgical Engineering
Kin Y. Sze
Electrical Engineering
George P. Tadda
Computer Science



Siew L. Tay
Electrical Engineering
Chris D. Taylor
*Civil Engineering and
Engineering Management*
Cheryl D. Tefft
Applied Mathematics
Kim E. Thein
Applied Mathematics



SENIORS



David T. Thomas
Mechanical Engineering
Jon C. Thomas
Mechanical Engineering
Timothy P. Thompson
Mechanical Engineering
Chuong V. To
Electrical Engineering



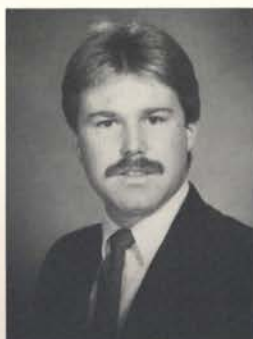
Nora C. Tochtrop
Chemical Engineering
Mary T. Tran
Electrical Engineering
Louis Traxel
Electrical Engineering
Vikran Tungsiripat
Ceramic Engineering



Roger W. Tyree
Electrical Engineering
Michael C. Unland
Mechanical Engineering
Scott A. VanDoren
Mechanical Engineering
Donald L. Van Pelt
Physics



Erik Van Rhein
Electrical Engineering
Lawrence E. Vaughn III
Mechanical Engineering
Sara J. Vavra
Mechanical Engineering
Karen S. Veerkamp
Mechanical Engineering



Dale A. Vehlewald
Civil Engineering
Jeffrey L. Vogt
Electrical Engineering
Amy D. Volmert
Civil Engineering
Carrie E. Volz
Aerospace Engineering

SENIORS

David L. Vonarx
Civil Engineering

Jeri M. Vondera
Civil Engineering

Vernon E. Vondera
Electrical Engineering

Robert C. Vorel
Mechanical Engineering



Anne L. Voyles
Biochemistry

Tin Q. Vuu
Electrical Engineering

Todd D. Waelterman
Civil Engineering

Marcia M. Waggoner
English



Keith A. Walck
Mechanical Engineering

Eric J. Ward
Mechanical Engineering

Timothy R. Watsek
Mechanical Engineering

Gregory J. Weatherford
Electrical Engineering



Ray M. Webb
Civil Engineering

Angela K. Weber
Mechanical Engineering

Eric G. Weber
Mechanical Engineering

Michael R. Wehmeyer
Electrical Engineering



Robert A. Weinmann
Engineering Management

Matthew L. Westerheide
Electrical Engineering

John R. Westrich
Chemical Engineering

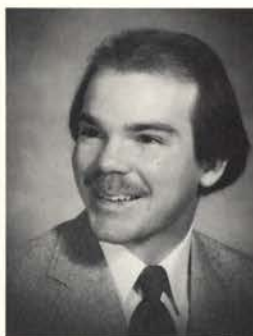
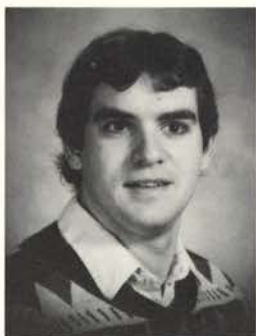
James G. Wheeler
Computer Science



SENIORS



Elizabeth A. Wholf
Chemical Engineering
Wyndham E. Whynot
History
Michael F. Wiegand
Electrical Engineering
David F. Wiethop
Aerospace Engineering



Lisa R. Wilcox
Electrical Engineering
Todd A. Wildhaber
Electrical Engineering
James M. Wilkerson
Electrical Engineering
Gregory A. Williams
Mechanical Engineering



Joseph Williams Jr.
Engineering Management
Janine L. Williston
Computer Science
Donna L. Willy
Engineering Management
Gary A. Wilson
Computer Science



Mary C. Windish
Electrical Engineering
Gregory M. Witte
Chemical Engineering
Hau-Fong Wong
Electrical Engineering
Ming H. Wong
Electrical Engineering



Kimberly K. Wood
Engineering Management
Cecelia Wright
Electrical Engineering
Daniel K. Wright
Mechanical Engineering
David L. Yearack
Electrical Engineering

SENIORS

Susan E. Yeargain
Mechanical Engineering
Sien H. Yek
Chemical Engineering
Michelle J. Yi
Mechanical Engineering
Kristina M. Yocum
Psychology



Joe H. Yoon
Electrical Engineering
Mark S. Yungbluth
Mechanical Engineering
David L. Zimmerman
Metallurgical Engineering



J. McHaney

Parents, grandparents and friends show off their enthusiasm for the graduates of the 1988 Winter Semester.

Senior Anne Voyles draws puzzled stares from Lori Gerlt and Sarah Esker while "kicking" off the 1989 Spring Commencement.

SENIOR ACHIEVEMENTS



SENIOR ACHIEVEMENTS

A

Andrew P. Ackerman
Winfield, Missouri

Lori J. Adams
St. James, Missouri
Tau Beta Sigma-President, Vice President; Omega Chi Epsilon; Tau Beta Pi; American Institute of Chemical Engineers.

Marcus S. Adkins
Troy, Missouri
Sigma Gamma Tau; American Institute of Aeronautics and Astronautics; *Missouri Miner*.

Katherine M. Adrales
Independence, Missouri
Psychology Club - Vice President; Psi Chi - Treasurer.

Luis R. Adrales Jr.
Independence, Missouri

Christi K. Aldrich
Rolla, Missouri
American Society of Engineering Management.

Loren R. Allbritton
Rolla, Missouri
Freshman Honor Society Tutor.

David B. Allega
Independence, Missouri
Sigma Gamma Tau; American Institute of Aeronautics and Astronautics; Tech Engine Club; General Delegation of Independents.

David M. Allen
Kansas City, Missouri
Tau Beta Pi; Eta Kappa Nu; Institute of Electrical and Electronic Engineers.

Jeffrey C. Allen
St. Charles, Missouri
Institute of Electrical and Electronic Engineers; Intramurals; General Delegation of Independents.

Christina E. Ames
Hazelwood, Missouri
Eta Kappa Nu; Tau Beta Pi; Institute of Electrical and Electronic Engineers; Society of Women Engineers.

Brent W. Anderson
Los Alamos, New Mexico
Varsity Rifle Team - Captain; Association of Engineering Geologists - Vice President.

Patricia A. Andrews
Boonville, Missouri
Kappa Delta Sorority - Treasurer; Upsilon Pi Epsilon - Secretary; Association for Computing Machinery.

Gregory K. Ardrey
St. Louis, Missouri
Student Council; Chancellor's Student Cabinet, Academic Council, Minority Engineering Program Scholar; National Action Council for Minorities in Engineering Scholar; Alpha Phi Alpha Fraternity - President, Secretary.

Scott C. Armistead
St. Louis, Missouri
Delta Sigma Phi Fraternity; Alpha Phi Omega; Phi Eta Sigma.

James V. Armstrong II
Rolla, Missouri
American Society of Civil Engineers.

Brent D. Arthaud
New London, Missouri
Varsity Football; Delta Sigma Phi Fraternity; American Society of Civil Engineers; Outstanding College Students of America; M-Club.

Scott A. Ashenbrenner
Makanda, Illinois
General Delegation of Independents; Society of Automotive Engineers.

Air Force ROTC Faculty: Sitting: J. Huguley Jr. Standing: G. Wempe, A. Mobley, J. Brant, W. Houtman, N. Harris, L. Edwards, F. Woods.



B. Booth

SENIOR ACHIEVEMENTS



Chemistry Faculty: M. Finley, R. Waggoner, A. Liapis, H. Yasuta, O. Sitton, R. Ybarra, XB Reed Jr., J. Johnson.

Stephen D. Atkinson

West Plain, Missouri

Gamma Alpha Delta; Alpha Phi Omega; Triangle Fraternity-Vice President, Treasurer, Corresponding Secretary.

Jason S. Au

St. Louis, Missouri

Lowell D. Aughenbaugh

Rolla, Missouri

Society of Petroleum Engineers; Association of Engineering Geologists.

James L. Aumann

Pevely, Missouri

Wargamers.

B

Deo Baichoo

Louisiana, Missouri

Pi Tau Sigma - Vice President; Tau Beta Pi; American Society of Heating, Refrigeration, and Air Conditioning Engineers - Vice President.

Tracey B. Baker

St. Louis, Missouri

American Society of Civil Engineers.

Mark E. Barkey

Union, Missouri

American Academy of Mechanics-President; Phi Kappa Phi; Tau Beta Pi.

John M. Barr

Rolla, Missouri

Keramos - President; Alpha Chi Sigma; Tau Beta Pi; Phi Kappa Phi; Phi Eta Sigma; American Ceramic Society.

Thurman M. Bates III

Kansas City, Missouri

American Society of Engineering Management-Vice President; Alpha Phi Alpha Fraternity - President, Treasurer, Secretary; Association of Black Students; National Society of Black Engineers; Interfraternity Council.

Jennifer L. Bayless

Rolla, Missouri

Psychology Club; Gold Miners; Zeta Tau Alpha Sorority.

Troy R. Beard

Eureka, Missouri

Acacia Fraternity - President, Vice President, Treasurer.

Timothy G. Beckerle

St. Louis, Missouri

Tau Kappa Epsilon Fraternity - Secretary; Theta Tau Omega - Treasurer; American Society of Civil Engineers; Association of General Contractors; Interfraternity Council - President.

Jeffrey G. Beetz

St. Louis, Missouri

Kappa Sigma Fraternity - Vice President; American Ceramic Society.

Randall W. Behm

St. Louis, Missouri

Varsity Tennis; Phi Kappa Theta; Intramural Managers - President, Secretary; Theta Tau Omega; Alpha Phi Omega; Student Union Board; M-Club.

Tamara L. Bell

Cabool, Missouri

Gregory P. Bellemy

Lebanon, Missouri

Lee E. Belsky

Rolla, Missouri

American Institute of Chemical Engineers; UMR Chess Club; UMR Target Pistol Club; Wesley Foundation.

Eric A. Berberich

Republic, Missouri

Air Force ROTC; Institute of Electrical and Electronic Engineers.

Lynn C. Berning

Bella Vista, Arkansas

Eta Kappa Nu; Tau Beta Pi; Institute of Electrical and Electronic Engineers; Phi Eta Sigma.

John A. Bevola

St. Louis, Missouri

Fran E. Biagioli

Jefferson City, Missouri

Student Union Board; Blue Key; Varsity Softball; Pi Tau Sigma.

Thomas P. Billings

Rolla, Missouri

Scott R. Birdsong

St. Louis, Missouri

St. Pat's Board; General Delegation of Independents; KMNR.

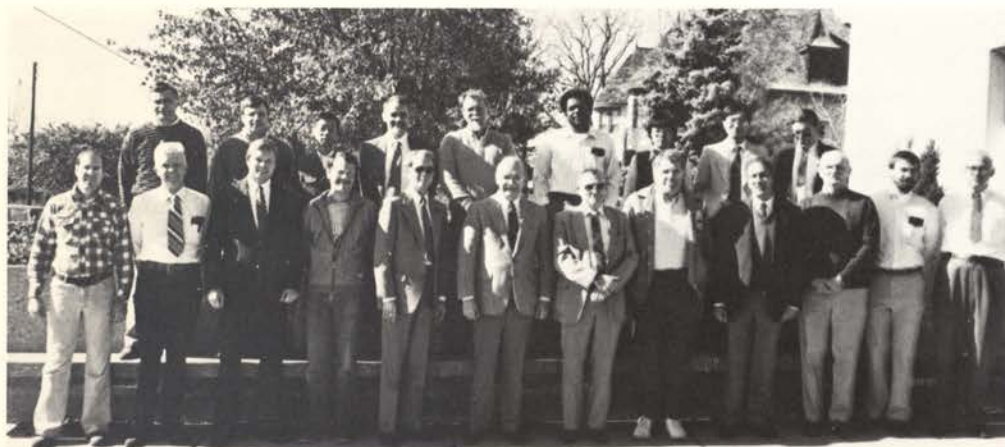
Mark E. Biznek

Staunton, Illinois

Delta Sigma Phi Fraternity; American Ceramic Society; Keramos - Vice President; Alpha Chi Sigma; SUB.

SENIOR ACHIEVEMENTS

Chemistry Faculty: Row 1: J. Council, R. Venable, D. Armstrong, A. Berthoid, B. K. Robertson, D. Beistel, H. McDonald, D. Wulfman, S. Hanna, D. Siehr, F. Blum, C. Heitsch. Row 2: T. Brewer, T. Flaim, H. Jin, O. Manuel, G. Bertrand, H. Collier, S. Han, K. Chiou, L. Biolsi.



Murrell W. Blackburn

St. Louis, Missouri

Kappa Alpha Psi Fraternity; National Society of Black Engineers; Association for Black Students - Vice President; Interfraternity Council; Intramurals.

Aaron L. Blades

Republic, Missouri

Phi Eta Sigma; Tau Beta Pi; Sigma Gamma Tau; American Institute of Aeronautics and Astronautics, Outstanding College Students of America member.

Todd A. Blanton

Sullivan, Missouri

American Society of Civil Engineers; Varsity Golf.

Samantha M. Bledsoe

St. Louis, Missouri

Cross Country; Intramurals; Voices of Inspiration; Institute of Electrical and Electronic Engineers.

Daniel L. Blessing

Perryville, Missouri

Pi Tau Sigma.

Charles C. Blume

Jefferson City, Missouri

Phi Kappa Theta Fraternity; American Society of Engineering Management; American Society of Mechanical Engineers; Society of Automotive Engineers; American Society of Heating, Refrigeration, and Air Conditioning Engineers; Gamma Alpha Delta; Alpha Phi Omega.

David A. Bohannon

St. Louis, Missouri

James M. Bohn

Maryland Heights, Missouri

Residence Hall Association.

James R. Bono

Kimberling, Missouri

Institute of Electrical and Electronic Engineers; Sports Car Club; Tae Kwon Do; Photography Club; Students for Students at UMR.

Gregory N. Bonney

Kirkwood, Missouri

Phi Eta Sigma; Kappa Mu Epsilon; University Orchestra; Association of Computing Machinery; *Rollamo* - Photographer.

Jeffrey A. Borgmeyer

St. Charles, Missouri

Sigma Phi Epsilon Fraternity; Teta Tau Omega; Alpha Phi Omega; American Society of Mechanical Engineers; Intramurals.

William C. Boschert Jr.

Florissant, Missouri

Institute of Electrical and Electronic Engineers.

John C. Bosman Jr.

Manchester, Missouri

Pi Kappa Phi Fraternity; Interfraternity Council; Alpha Phi Omega; Army ROTC.

Anthony W. Bowles

Mineral Point, Missouri

Student Council; Economics Club; Association of Computing Machinery; Cooperative Education Association.

Courtice F. Bowman

Oakdale, Illinois

Brad A. Boyer

Kansas City, Missouri

Residence Hall Association; Intramurals; Society of Automotive Engineers.

James T. Brady

Rolla, Missouri

General Delegation of Independents; *Missouri Miner*; Psi Chi; Psychology Club; Veterans Club.

Stephen K. Brady

Ballwin, Missouri

Phi Kappa Theta Fraternity.

Linda G. Bramel

Rolla, Missouri

Patricia A. Brangenberg

Hardin, Illinois

Toastmasters - Vice President; Zeta Tau Alpha Sorority; Omega Chi Epsilon; American Institute of Chemical Engineers; Intramurals - Vice President.

Everett D. Brazeal

Rolla, Missouri

Phi Eta Sigma.

Jeffrey J. Brewer

Springfield, Missouri

American Institute of Chemical Engineers; Omega Chi Epsilon.

Cecil C. Bridges

Hollister, Missouri

Pi Tau Sigma; Tae Kwon Do; Kappa Mu Epsilon; American Society of Mechanical Engineers.

SENIOR ACHIEVEMENTS

James W. Brown
Florissant, Missouri
Intramural Sports.

Tara L. Brown
Florissant, Missouri
Upsilon Pi Epsilon - Treasurer; Association of Computing Machinery; Christian Campus Fellowship; Chi Alpha; Phi Eta Sigma.

Lawrence D. Brundage
Pleasant Hill, Missouri

Terrence A. Bruns
Jefferson City, Missouri
Phi Kappa Theta Fraternity; American Society of Engineering Management; Institute of Industrial Engineers; American Society of Mechanical Engineers; Student Union Board.

Andrew D. Bryan
LaMonte, Missouri
Society of Mining Engineers; Intramurals.

Edward G. Bryant
Rolla, Missouri
American Association of Petroleum Geologists; Association of Engineering Geologists; Society of Petroleum Engineers; Tau Beta Pi; Sigma Gamma Epsilon.

Ann M. Buelow
Cape Girardeau
Institute of Electrical and Electronic Engineers; Intramurals.

Michael J. Buel
St. Louis, Missouri
Sigma Nu Fraternity; Phi Eta Sigma; Eta Kappa Nu; Tau Beta Pi; Alpha Phi Omega; Institute of Electrical and Electronic Engineers.

Mark J. Buhr
Washington, Missouri
Delta Sigma Phi Fraternity; Intercollegiate Knights; Student Union Board; Student Council.

Carol U. Bullock
Rolla, Missouri
Southwinds - Editor; English Club-President; Newman Center; University Choir.

Kathleen T. Burch
O'Fallon, Illinois
Intramurals - Manager; Institute of Electrical and Electronic Engineers.

Diane L. Burke
St. Louis, Missouri
Newman Center; Intramurals.

Nancy E. Butler
Springfield, Missouri
Phi Eta Sigma; Omega Chi Epsilon; Tau Beta Pi; Phi Kappa Phi; Alpha Chi Sigma.

C

Douglas B. Cage
St. Louis, Missouri

Andrea J. Cairns
Leslie, Missouri
Eta Kappa Nu; Institute of Electrical and Electronic Engineers.

Hector Candanedo
Rolla, Missouri
Society of Automotive Engineers; American Society of Mechanical Engineers.

John W. Carlson
Rolla, Missouri
KMNR; Eta Kappa Nu; Tau Beta Pi.

Kurt J. Carraway
Ballwin, Missouri
Air Force ROTC.

Janet L. Carroll
Jefferson City, Missouri

Scott E. Carroll
Cuba, Missouri
Society of Manufacturing Engineers; Society of Mechanical Engineers.

Don E. Carter
Florissant, Missouri
American Institute of Aeronautics and Astronautics.

Theresa M. Cathey
St. Peters, Missouri
Intramurals; Student Council; Academic Council; Institute of Electrical and Electronic Engineers; Thomas Jefferson Housing Association.

Chris R. Celeslie
St. Louis, Missouri
Tau Kappa Epsilon - President, Vice President.

Sue Chen
Rogers, Arkansas
Chinese Student Association; Institute of Electrical and Electronic Engineers.

Kuok K. Chiu
St. Louis, Missouri
American Society of Civil Engineers; Association of General Contractors; Institute of Transportation Engineers.

Timothy M. Chojnacki
O'Fallon, Missouri
Phi Kappa Theta Fraternity; Varsity Soccer; Interfraternity Council.

James R. Chott
Tau Beta Pi; Eta Kappa Nu; Intramurals.

Seong S. Choy
Rolla, Missouri
Chi Epsilon; Newman Center; American Society of Civil Engineers.

Brian L. Christenson
Ava, Missouri
Sigma Nu Fraternity; Trap and Skeet-President, Secretary; American Society of Mechanical Engineers - President; Student Union Board.

Lynn A. Ciskowski
St. Louis, Missouri
American Foundrymen's Society; Society of Metallurgical Engineers; American Society of Engineering Management; Student Union Board.

DawnRae Clark
Rolla, Missouri
American Society of Civil Engineers; Association of General Contractors.

SENIOR ACHIEVEMENTS

Civil Engineering Faculty: Sitting: C. Morris, R. Lentz, J. Westphal, C. Burge.
Row 1: S. Prakash, J. Kincaid, W. Andrews, F. Cheng, B. Green, J. Best, C. Pantelides, P. Munger, D. Richardson, G. Stevens, J. Minor. **Row 2:** W. Yu, C. Dare, J. Emanuel.



J. McHaney

Stephen L. Clark

Webster Groves, Missouri
 Phi Eta Sigma; Pi Tau Sigma; Society of Automotive Engineers; American Society of Mechanical Engineers.

Tracey A. Clavenna

Maryland Heights, Missouri

James M. Claxton Jr.

Rolla, Missouri
 Association of Black Students; Intramurals.

Troy L. Cline

St. Charles, Missouri
 Association of Computing Machinery; Sport Car Club; Intramurals.

William R. Clouse

Rolla, Missouri

Richard E. Cochran Jr.

Cape Girardeau, Missouri
 American Institute of Aeronautics and Astronautics; Toastmasters.

Melissa A. Coffin

Jefferson City, Missouri
 Zeta Tau Alpha Sorority - Secretary; American Society of Engineering Management; Alpha Phi Omega; Student Union Board.

Daniel Cohen

Guatemala City, California
 Phi Eta Sigma; Kappa Mu Epsilon; Tau Beta Pi; Sigma Gamma Tau - Secretary; Intramurals; American Institute of Aeronautics and Astronautics; Beta Chi Sigma.

John F. Coleman

Rolla, Missouri
 Society of Automotive Engineers.

Royce L. Coleman

Rolla, Missouri
 Pi Tau Sigma; Society of Automotive Engineers; Marching Band; Lutheran Student Center - President.

Christian M. Collins

Glencoe, Missouri
 Lambda Chi Alpha Fraternity - Vice President; Institute of Electrical and Electronic Engineers; KMNR; Student Union Board; Beta Chi Sigma - Vice President.

James F. Collum

Rolla, Missouri
 KMNR-Business Manager; Rugby Club; Institute of Electrical and Electronic Engineers.

Mindy L. Comensky

St. Louis, Missouri
 American Institute of Aeronautics and Astronautics - President; Tau Beta Pi; Astronomy Club.

Matthew H. Commens

Pacific, Missouri
 Sigma Pi Sigma - Secretary; Society of Physics Students; Tech Engine Club.

John T. Connor

Kansas City, Missouri
 American Institute of Chemical Engineers.

Timothy P. Conway

Maryland Heights, Missouri
 Eta Kappa Nu - Vice President; Tau Beta Pi; Institute of Electrical and Electronic Engineers.

Gina K. Cook

Carbondale, Illinois
 Kappa Delta Sorority; American Society of Mechanical Engineers; American Society of Heating, Refrigeration, and Air Conditioning Engineers; Alpha Phi Omega.

Steven L. Cook

Rolla, Missouri
 American Society of Mechanical Engineers; Association of Computing Machinery.

Peter A. Corpeny

Kansas City, Missouri
 Sigma Chi Fraternity - President; Varsity Football; American Society of Heating, Refrigeration, and Air Conditioning Engineers; *Missouri Miner*.

Robert M. Corum

Columbia, Missouri
 Lutheran Student Center - Treasurer, Secretary; Tau Beta Pi; Pi Tau Sigma; Kappa Mu Epsilon; Society of Automotive Engineers; Sports Car Club.

Ellen R. Couvillion

Tucson, Arizona
 Upsilon Pi Epsilon-Treasurer.

SENIOR ACHIEVEMENTS

Terrie S. Cowdrey
Rolla, Missouri

Cross Country.

Vernon S. Crabtree

St. Joseph, Missouri

Institute of Electrical and Electronic Engineers; Power Society.

Timothy W. Crosnoe

Cape Girardeau, Missouri

Pi Kappa Alpha Fraternity; Phi Eta Sigma; Kappa Mu Epsilon; Eta Kappa Nu; Tau Beta Pi; Blue Key - President, Vice President, Treasurer.

Marcangelo Cruz

St. Peters, Missouri

Intramurals; Toastmasters - President, Vice President, Secretary; American Society of Mechanical Engineers - Secretary.

Richard J. Cwiklowski

St. Louis, Missouri

Sigma Tau Gamma Fraternity.

D

Rhonda R. Dalske

Florissant, Missouri

Zeta Tau Alpha Sorority - Vice President; American Society of Mechanical Engineers; American Society of Heating, Refrigeration, and Air Conditioning Engineers; Alpha Phi Omega; American Institute of Aeronautics and Astronautics.

John R. Dalton

Mountain Grove, Missouri

Phi Kappa Phi; Tau Beta Pi; Pi Tau Sigma - Vice President; American Society of Mechanical Engineers - Vice President; American Society of Heating, Refrigeration, and Air Conditioning Engineers; Varsity Football; M-Club - Treasurer; American Institute of Aeronautics and Astronautics; Residence Hall Association.

Leonard J. Danaher Jr.

Kansas City, Missouri

Pi Tau Sigma; Newman Center; American Society of Heating, Refrigeration, and Air Conditioning Engineers.

Kathleen A. Dandurand

St. Charles, Missouri

American Society of Engineering Management.

Peggy A. Danzer

Rolla, Missouri

Tau Beta Sigma; Tau Beta Pi; Phi Eta Sigma; Marching, Symphonic and Jazz Bands; American Society of Mechanical Engineers.

Linda G. Daugherty

Kansas City, Missouri

Robert D. Daugherty

High Ridge, Missouri

Toastmasters - Secretary; Institute of Electrical and Electronic Engineers; KMNR; *Missouri Miner*; Marching, Symphonic and Jazz Bands; Intramurals.

Todd A. Davidson

St. Louis, Missouri

Student Council; Residence Hall Association - President; Cheerleader.

Michelle A. Davis

Florissant, Missouri

Chi Omega Sorority; American Society of Engineering Management - Secretary; Student Union Board - Secretary; Intercollegiate Knights.

Thomas K. Deems

Butler, Missouri

Acacia Fraternity - President.

Computer Science Faculty: Row 1: A. Dekock, G. Zobrist, D. Mentis, J. Prater, B. Gillett, T. Baird. Row 2: B. Meyer, B. Elmer, H. Pyron, D. Kleikamp, J. Metzner. Row 3: D. Meyer, S. Yek, S. Poppens, K. Hayes, F. Walters, A. Rigler, R. Strandberg. Row 4: B. Mayfield, V. Edmondson, G. Ozbirn, E. Stark.

SENIOR ACHIEVEMENTS

James H. Deines

New Melle, Missouri

Intramurals - President, Vice President; American Institute of Aeronautics and Astronautics; National Residence Hall Honorary - Vice President.

Thomas Delia Jr.

St. Charles, Missouri

Kevin L. Detring

Farmington, Missouri

Sports Car Club; Institute of Electrical and Electronic Engineers.

Pete S. Devino

St. Peters, Missouri

American Institute of Aeronautics and Astronautics; Sigma Gamma Tau.

Thomas R. Devlin

Rolla, Missouri

American Society of Mechanical Engineers; Society of Automotive Engineers.

Luu V. Dinh

Rolla, Missouri

Stephanie A. Dinwiddie

Florissant, Missouri

Zeta Tau Alpha Sorority - Secretary; Panhellenic - Vice President; *Missouri Miner* - Business Manager; Pi Tau Sigma; American Society of Mechanical Engineers.

Michelle M. Ditton

Florissant, Missouri

Varsity Softball and Soccer; M - Club; Institute of Electrical and Electronic Engineers.

Dale W. Dodd

Kansas City, Missouri

American Institute of Aeronautics and Astronautics.

Jeannine M. Dubuque

St. Louis, Missouri

Student Council - Treasurer, Secretary; Newman Center; Tau Beta Pi; Eta Kappa Nu.

Daniel J. Duffy

St. Louis, Missouri

Toastmasters.

Keith E. Durk

Hallsville, Missouri

Student Council; American Society of Engineering Management; Thomas Jefferson Housing Association.

Andrew S. Dyer

Raymore, Missouri

Collegium Musicum; Chamber Choir; Symphonic Band; Theatre; Baptist Student Union; Juggling Club; Institute of Electrical and Electronic Engineers; *Rollamo* - Photographer.

E

Jerilyn M. Eberhart

Bethalto, Illinois

American Society of Engineering Management; Student Union Board.

Kevin B. Edwards

Rolla, Missouri

Student Council - President; Associated Students of the University of Missouri; Student Curator; American Nuclear Society; Alpha Nu Sigma.

Casimir J. Eichenseer

Rolla, Missouri

Society of Mining Engineers - President, Secretary; General Delegation of Independents - Treasurer.

Daniel A. Elbert

Willard, Missouri

Phi Kappa Phi; Eta Kappa Nu; Kappa Mu Epsilon; Phi Eta Sigma; Institute of Electrical and Electronic Engineers; Newman Center; Phi Beta Lambda; Tau Beta Pi.

Melany K. Elicker

Rolla, Missouri

Tau Beta Sigma; Symphonic Band; Orchestra; Marching Band; Ozark Highland Pipe Band.

James A. Engelhard

Florissant, Missouri

Sigma Nu Fraternity - Secretary; Theta Tau Omega-Secretary; Institute of Electrical and Electronic Engineers; Alpha Phi Omega.

Barbara J. Erickson

Kansas City, Missouri

American Society of Heating, Refrigeration, and Air Conditioning Engineers - President; American Society of Mechanical Engineers; Society of Women Engineers; *Rollamo*-Photographer.

Economics Faculty: C. Adams, R. Bryant, W. Johnson, I. Bendardaf, C. Garbacz.



J. McHaney

SENIOR ACHIEVEMENTS



Electrical Engineering Faculty: Row 1: R. Dopher, N. Cox, R. Nau, P. Stigall, D. Cunningham. Row 2: D. Dawson, E. Wilson, T. VanDoren, R. Moss. Row 3: S. Roa, H. Pattinger, T. Herrick. Row 4: B. Hegler, S. Stanton, M. Anderson, L. Laub, E. Richards. Row 5: J. Morris, R. Carson, C. Wu. Row 6: A. Miles, R. Stuffle, W. Gajda, S. Marshall. Row 7: K. Erickson, F. Kern, J. Stuller, J. Bouquin. Row 8: J. Betton, R. Laramore, D. Radford, R. DuBroft, J. Boone.

Eugene A. Erker III

St. Louis, Missouri

Tau Kappa Epsilon Fraternity - Treasurer; Interfraternity Council - Treasurer; American Society of Mechanical Engineers; Pi Tau Sigma; Intercollegiate Knights.

LaVerne A. Ervin

East St. Louis, Illinois

Delta Sigma Theta Sorority; National Society of Black Engineers; Institute of Electrical and Electronic Engineers; Intramurals.

Sarah M. Esker

St. Louis, Missouri

Society of Women Engineers; Toastmasters; Newman Center; Intramurals; Golden Hearts - Treasurer.

Brian E. Est

St. Peters, Missouri

Sigma Gamma Tau - President; American Institute of Aeronautics and Astronautics; Thomas Jefferson Housing Association; Intramurals.

F

Daniel N. Faron

St. Louis, Missouri

Kappa Alpha Fraternity - Secretary; Gamma Alpha Delta - President, Vice President, Secretary, Treasurer; American Foundryman's Society; Newman Center; American Society of Metals; Metallurgical Society.

Lesley A. Faulstich

Glendale, Missouri

Kappa Delta Sorority - Treasurer; Varsity Softball; Association of Computing Machinery; M-Club - Secretary.

Gregory R. Feegle

Webster Groves, Missouri

Association of Engineering Geologists.

Marilyn V. Feldewerth

St. Paul, Missouri

Zeta Tau Alpha Sorority; Marching Band; Kappa Kappa Psi; Phi Eta Sigma; Pi Tau Sigma.

Douglas G. Fisher

St. Charles, Missouri

Intramurals; Residence Hall Association; American Society of Mechanical Engineers.

Thomas A. Flak

Lebanon, Missouri

Maureen M. Flick

Chi Omega Sorority; Alpha Chi Sigma - Secretary; American Institute of Chemical Engineers; Society of Women Engineers; Intramurals; White Roses - President, Vice President.

Michael J. R. Ford

Belleville, Illinois

Everett H. Foster

Osceola, Missouri

Alisa S. Fowler

Rolla, Missouri

Psi Club - President, Vice President.

Christopher J. Frank

St. Louis, Missouri

Christopher A. Franklin

Bolivar, Missouri

Eta Kappa Nu; Tau Beta Pi; Phi Kappa Phi; Phi Eta Sigma; Institute of Electrical and Electronic Engineers; Army ROTC.

Michael E. French

Dixon, Missouri

SENIOR ACHIEVEMENTS

William J. Fritsch Jr.

Ste. Genevieve, Missouri
Sigma Phi Epsilon Fraternity - Vice President; American Society of Mechanical Engineers; Gamma Alpha Delta; Pi Tau Sigma; Kappa Mu Epsilon.

James F. Fuchs

Belleville, Illinois

G

William J. Gaines

Rolla, Missouri
Tau Beta Pi; Eta Kappa Nu; Institute of Electrical and Electronic Engineers.

Paul W. Galbraith

Rolla, Missouri

Michelle S. Galik

Newburg, Missouri

Giuseppe S. Gandolfo

St. Louis, Missouri
Tau Kappa Epsilon Fraternity; Alpha Phi Omega; Theta Tau Omega; Interfraternity Council.

Kirk J. Garrett

Washington, Missouri
Kappa Mu Epsilon; Pi Tau Kappa; Institute of Electrical and Electronic Engineers.

Sherree L. Gaskins

Rolla, Missouri
Theatre; Collegium Musicum.

Jason E. Gayer

Everton, Missouri

Richard A. Geisler

Owensville, Missouri
Veterans Club; General Delegation of Independents.

Lori J. Gerlt

Versailles, Missouri
Kappa Mu Epsilon; Association of Computing Machinery; Society of Women Engineers; General Delegation of Independents.

Robert E. Gerlt

Gravois Mills, Missouri

Daniel G. Giblin

Florissant, Missouri

Kevin B. Gibson

Florissant, Missouri
Sigma Nu Fraternity; Student Council - Vice President; Theta Tau Omega; American Institute of Aeronautics and Astronautics; Varsity Soccer; M-Club.

Brian C. Giltner

Brookport, Illinois
Phi Theta Kappa; Tau Beta Pi; Phi Kappa Phi; Chi Epsilon; American Society of Civil Engineers.

Joann K. Girard

Kansas City, Missouri
Chi Omega Sorority; *Missouri Miner*; Intercultural Club - Treasurer, Secretary; Student Union Board; Intercollegiate Knights; Daughters of the Blue Iris.

Michael T. Godfrey

Chesterfield, Missouri
Triangle Fraternity - Vice President; KMNR; Interfraternity Council.

Steven J. Goodell

Carrollton, Texas
Varsity Swimming; M - Club - President; Tau Beta Pi; Pi Tau Sigma.

Heidi Gossen

Warrensburg, Missouri
Phi Eta Sigma; Kappa Mu Epsilon; Tau Beta Pi; American Institute of Aeronautics and Astronautics.

Laura M. Grady

Rolla, Missouri
American Institute of Chemical Engineers; Jazz Band.

Richard E. Granda

St. Louis, Missouri
American Society of Mechanical Engineers; Intramurals.

David M. Grant

Sigma Phi Epsilon Fraternity - Vice President; Beta Chi Sigma - President, Treasurer; Blue Key; Pi Tau Sigma; Phi Eta Sigma; Alpha Phi Omega.

Jack A. Gray

Springfield, Missouri
Tau Beta Pi; Eta Kappa Nu; Institute of Electrical and Electronic Engineers - President, Vice President.

Pam C. Greifzu

St. Charles, Missouri
Kappa Mu Epsilon; Society of Physics Students; American Society of Civil Engineers; Institute of Transportation Engineering.

Matthew J. Gross

Godfrey, Illinois
General Delegation of Independents; Institute of Electrical Engineers; Eta Kappa Nu.

William W. Grothaus

Silex, Missouri
Pi Kappa Alpha Fraternity; American Society of Mechanical Engineers; Society of Automotive Engineers; Pi Tau Sigma; Cooperative Education Association - Treasurer.

Scott D. Gruben

St. Louis, Missouri
Association of General Contractors; American Society of Civil Engineers.

Samuel F. Grunbaum

St. Louis, Missouri
American Society of Engineering Management.

Howard L. Gugel

Springfield, Missouri
Baptist Student Union; Phi Beta Lambda; Phi Eta Sigma; Tau Beta Pi; Eta Kappa Nu; Institute of Electrical and Electronic Engineers; Phi Kappa Phi.

Gregory P. Gurnow

Labadie, Missouri

H

Robert A. Haas

Edwards, Missouri
American Society of Mechanical Engineers - President; Pi Tau Sigma; Society of Automotive Engineers; Blue Key; Tau Beta Pi.

SENIOR ACHIEVEMENTS

Elizabeth M. Hadler

Rolla, Missouri

Varsity Basketball, Cross Country and Tennis; Kappa Mu Epsilon; M - Club; Phi Kappa Phi; University Choir.

Gary L. Hadler

Rolla, Missouri

Lutheran Student Center; American Institute of Aeronautics and Astronautics; Intramurals.

Wendy S. Hadler

Campbell Hill, Illinois

American Institute of Aeronautics and Astronautics; Association of Computing Machinery; Intramurals; Phi Kappa Theta Little Sister.

Kelly E. Hagler

Salem, Missouri

Helix Club; Daughters of Diana.

Darrell A. Hake

Jefferson City, Missouri

Society of Automotive Engineers.

William A. Hall

Rolla, Missouri

General Delegation of Independents.

Teresa M. Hamm

Rolla, Missouri

Kappa Delta Sorority; American Foundrymen's Society; Metallurgical Society; Alpha Phi Omega; Society of Women Engineers.

Steve E. Hankey

St. Louis, Missouri

Institute of Electrical and Electronic Engineers; Kappa Mu Epsilon; Intramurals.

Jeffrey A. Hanna

Warrensburg, Missouri

Institute of Electrical and Electronic Engineers; Eta Kappa Nu; Tau Beta Pi.

Jon M. Hansen

Florissant, Missouri

Sigma Nu Fraternity; American Institute of Chemical Engineers - President, Vice President; Omega Chi Epsilon.

Chris E. Haroy

Janesville, Wisconsin

Society of Mining Engineers; American Institute of Mining, Petroleum and Metallurgical Engineers; Society of Explosives Engineers.

Jeffrey S. Hargrove

Republic, Missouri

Phi Eta Sigma; Spelunkers; Intramurals; Pi Epsilon Tau - President; Society of Petroleum Engineers - Treasurer; Tau Beta Pi.

Michael D. Harms

Fenton, Missouri

Tau Beta Pi; American Society of Civil Engineers; Institute of Transportation Engineering.

Gene A. Harper

Rolla, Missouri

Institute of Electrical and Electronic Engineers; Tech Engine Club.

Thomas P. Hart

New Haven, Missouri

Association of Engineering Geologists; American Society of Civil Engineers.

Michael T. Harvey

Rolla, Missouri

Phi Kappa Theta Fraternity - Vice President; KMNR-Station Manager.

Brian M. Haug

East Alton, Illinois

Varsity Football

Craig H. Hayes

Decatur, Illinois

Joseph B. Heggie

Kirkwood, Missouri

Thomas G. Heiken

Columbia, Illinois

Delta Sigma Phi Fraternity; Intramurals; Society of Automotive Engineers; American Society of Mechanical Engineers.

Daniel K. Heitzman

Bartonville, Illinois

Kappa Alpha Fraternity; Phi Eta Sigma; Alpha Sigma Mu - Treasurer; American Foundrymen's Society-Secretary; American Society for Metals.

John W. Hentges

Jefferson City, Missouri

John D. Hilker

St. Charles, Missouri

Mike D. Hobbs

Neosho, Missouri

Gene L. Hoeltge

O'Fallon, Missouri

Delta Sigma Phi Fraternity; Economics Club - Treasurer; Bagpipe Band; KMNR.



English Faculty: Row 1: M. Pogue, C. Wade, E. Cummins, L. Vonalt, J. Wise.
Row 2: M. Patrick, J. Pogue, J. Morgan, W. Warren, W. N. Knight.

SENIOR ACHIEVEMENTS

Rick W. Hoffman
Florissant, Missouri

Joseph L. Hoffmeister
Ste. Genevieve, Missouri
Sigma Phi Epsilon Fraternity; Theta Tau Omega; American Society of Civil Engineers; Institute of Transportation Engineering.

Traci L. Holmes
St. Louis, Missouri
Daughters of Diana - President.

Steven J. Horne
Hartland, Wisconsin
Society of Mining Engineers - Treasurer; Mine Rescue Team.

Daniel D. Horst
Pilot Grove, Missouri

Clinton J. Housh
Carthage, Missouri
American Institute of Aeronautics and Astronautics.

Susan E. Housh
Carthage, Missouri
Chi Omega Sorority; Alpha Phi Omega; Panhellenic; American Foundrymen's Society; Metallurgical Society; SUB.

James K. Hovis
Fredericktown, Missouri

Timothy S. Hudwalker
Farmington, Missouri
Sigma Phi Epsilon Fraternity; Varsity Basketball, Golf; Blue Key; Theta Tau Omega; Tau Beta Pi; Chi Epsilon.

Paul A. Hughes
Rolla, Missouri
Tech Engine Club; General Delegation of Independents.

Jeffrey W. Hyde
Marshfield, Missouri
Phi Eta Sigma; Sigma Gamma Tau; American Institute of Aeronautics and Astronautics; Rifle and Pistol Club.

Mary E. Irose
Chester, Illinois
Phi Eta Sigma; Pi Tau Sigma; Society of Women Engineers; Lutheran Student Association.

Eno L. Ituen
St. Louis, Missouri
Kappa Alpha Psi Fraternity; American Society of Mechanical Engineers; Intramurals; National Society of Black Engineers; Association of Black Students.

Daniel M. Jackson
Rolla, Missouri
American Institute of Chemical Engineers.

Jeffrey L. Jackson
Dayton, Ohio
Sigma Phi Epsilon Fraternity; American Society of Mechanical Engineers; Theta Tau Omega; Intramurals.

Gary A. Jasper
St. Louis, Missouri
Institute of Electrical and Electronic Engineers; Intramurals; Wargamers.

John Jercinovic
St. Louis, Missouri

Douglas A. Job
Kelso, Missouri

Amy S. Joel
Rolla, Missouri
Phi Eta Sigma; Sisters of the Shield and Diamond - Vice President, Treasurer, Secretary.

Jeffrey M. Johnson
Rolla, Missouri

Mark K. Johnson
Bunker Hill, Illinois
Alpha Sigma Mu, American Foundrymen's Society.

Matthew L. Johnson
Edwards, Missouri
Photo Club-President; Institute of Electrical and Electronic Engineers; Spe-lunkers; *Rollamo* - Photographer; Co-op Club; Society of Automotive Engineers.

Engineering Management Faculty:
Row 1: H. Sineath, Y. Omurtag, B. Sarchet, B. Laney. **Row 2:** B. Sirinaovakul, R. Kluczny, T. Eschenbach, J. Highfill, D. Higginbotham, C. Benjamin, P. Schmidt. **Row 3:** N. Rexa, M. Najm, H. Weibe, S. Alptekin, D. Babcock.



T. Davis

SENIOR ACHIEVEMENTS



T. Davis

Geological Engineering Faculty: C. McConnell, D. Barr, J. Rockaway, J. Cawlfeld.

Michael A. Johnson
Kirbyville, Missouri
Student Union Board; Institute of Electrical and Electronic Engineers.

Matthew D. Johnston
Washington, Missouri
Phi Kappa Theta Fraternity; Kappa Mu Epsilon - President, Treasurer; Institute of Electrical and Electronic Engineers.

Jeffrey S. Jones
St. Louis, Missouri
American Society of Mechanical Engineers; Intramurals.

Matthew D. Jonew
Pecatonica, Illinois
Cheerleader

Wendy A. Jutte
Memphis, Missouri
Kappa Delta Sorority - Vice President; Blue Key; Tau Beta Pi; Institute of Electrical and Electronic Engineers; Eta Kappa Nu; Kappa Mu Epsilon; Gold Miners; Phi Eta Sigma; Daughters of Lee.

K

Aruna Katragadda
Springfield, Missouri
International Students - President; American Society of Civil Engineers; *Missouri Miner*; Toastmasters.

Mark W. Keeling
Joplin, Missouri
Institute of Electrical and Electronic Engineers; Association of the U. S. Army; Society of American Military Engineers.

David J. Keller
St. Louis, Missouri
Newman Center - President; American Association of Petroleum Geologists - Secretary.

Mark P. Kelly
St. Louis, Missouri
American Institute of Aeronautics and Astronautics; Phi Eta Sigma; Intramurals.

Eugene T. Kertz
Ste. Genevieve, Missouri
Sigma Phi Epsilon Fraternity; Theta Tau Omega - Treasurer; Blue Key; Gamma Alpha Delta; American Society of Mechanical Engineers; Intramurals.

Charles P. Ketterer
Pacific, Missouri

Michael D. Kilgore
Independence, Missouri
Tau Beta Pi; American Institute of Chemical Engineers; Omega Chi Epsilon.

Seung-Hee Kim
Rolla, Missouri

Kevin G. Kintz
St. Louis, Missouri

Charles D. Kirby
Pleasant Hope, Missouri
Phi Eta Sigma; Kappa Mu Epsilon; Institute of Electrical and Electronic Engineers; Eta Kappa Nu; Tau Beta Pi.

Madonna R. Klaesner
Hazelwood, Missouri
Chi Omega Sorority; Upsilon Pi Epsilon - Vice President; Kappa Mu Epsilon; Phi Eta Sigma; Society of Women Engineers; Association of Computing Machinery; Intercollegiate Knights.

David K. Klaffenbach
Rolla, Missouri

Paula M. Klender
Springfield, Missouri
Marching Band.

Thomas P. Kniest
St. Louis, Missouri
Institute of Electrical and Electronic Engineers.

Libby J. Knowles
Rolla, Missouri

Kurt W. Knurr
Fort Leonard Wood, Missouri

Barry F. Koch
Warrensburg, Missouri
Institute of Electrical and Electronic Engineers; Amateur Radio Club - Treasurer; Kappa Mu Epsilon; Eta Kappa Nu; Tau Beta Pi; Phi Kappa Phi; Raiders.

Robert J. Kochanski
St. Louis, Missouri
Tech Engine Club; Varsity Soccer.

SENIOR ACHIEVEMENTS

Geology and Geophysics Faculty: A. Spreng, S. Grant, G. Kisvarsanji, E. Balter, R. Lavidon, J. Gregg, R. Hagni.



J. McHaney

Daniel H. Kohler

Arnold, Missouri

Pi Tau Sigma; American Society of Mechanical Engineers.

Valentine A. Korenak

Ellsinore, Missouri

Sigma Gamma Tau; Kappa Mu Epsilon; American Institute of Aeronautics and Astronautics; Tech Engine Club - Treasurer, Secretary; Student Union Board.

George E. Kouba

Raytown, Missouri

Kappa Alpha Fraternity; Varsity Football; Alpha Phi Omega; M-Club; Theta Tau Omega.

Kevin P. Krebs

Long Beach, Mississippi

Dorothy L. Kreher

Smithton, Illinois

American Society of Engineering Management; Institute of Industrial Engineers; Newman Center; Intramurals.

Paul A. Kreher

Rolla, Missouri

Institute of Electrical and Electronic Engineers.

Valerie A. Kreher

Warrensburg, Missouri

Chi Alpha - Secretary; American Society of Civil Engineers.

Robert E. Kreutzer Jr.

Columbia, Illinois

Don J. Kriesel

Shell Knob, Missouri

Varsity Rifle Team.

Kimberly D. Kuhlmann

St. Charles, Missouri

Pi Tau Sigma; Tau Beta Pi; Stardusters of Kappa Sigma.

Randall S. Kuzniakowski

Independence, Missouri

American Society of Civil Engineers; Tau Beta Pi; Chi Epsilon.

L

John M. Laaker

St. Louis, Missouri

Phi Kappa Theta Fraternity; Varsity Soccer; American Society of Mechanical Engineers; Blue Key; Kappa Mu Epsilon.

Maria J. Lahm

St. Louis, Missouri

Zeta Tau Alpha Sorority; Phi Eta Sigma; Tau Beta Pi; Eta Kappa Nu; Phi Kappa Phi; Little Sisters of White Star.

Elisabeth A. Larson

Paducah, Kentucky

American Society of Civil Engineers - Secretary; Institute of Transportation Engineers - President, Vice President; Student Union Board; Symphonic Band; Kappa Kappa Psi; Phi Eta Sigma.

Carla D. Laster

St. Louis, Missouri

Association for Black Students - Secretary; American Society of Engineering Management.

Michelle M. Law

Springfield, Missouri

Eta Kappa Nu - President; Tau Beta Pi; Institute of Electrical and Electronic Engineers.

James A. Lawson

St. Louis, Missouri

Intramurals; *Missouri Miner*; Trap and Skeet Club; American Nuclear Society.

Megan K. Lay

St. Louis, Missouri

Cheerleader; Student Council; American Institute of Aeronautics and Astronautics; Tau Beta Pi.

Larry R. Lee

St. Louis, Missouri

Association of Computing Machinery; American Institute of Aeronautics and Astronautics.

SENIOR ACHIEVEMENTS

Larry W. Lee

Freeman, Missouri

American Society of Mechanical Engineers.

Karl J. Leodler

Clinton, Missouri

Kappa Sigma Fraternity; American Institute of Aeronautics and Astronautics; Flying Club; Intramurals.

Jean M. Leonard

Salem, Missouri

Baptist Student Union; Tau Beta Pi; Phi Kappa Phi; Omega Chi Epsilon; American Institute of Chemical Engineers.

Benjamin E. Lewis

Rolla, Missouri

John C. Lewis

Washington, Missouri

Association of General Contractors; American Society of Civil Engineers.

Daniel J. Liberton

Rolla, Missouri

Steve G. Lincks

St. Louis, Missouri

Triangle Fraternity - Treasurer, Secretary; Pi Tau Sigma.

Robert C. Linke

Creve Coeur, Missouri

General Delegation of Independents - President.

Yvonne M. Liske

Rolla, Missouri

Jerile K. Lodwick

Osage Beach, Missouri

Darin R. Lovelace

Independence, Missouri

Baptist Student Union; Phi Eta Sigma; Kappa Mu Epsilon; Phi Kappa Phi.

Mark D. Lower

Florissant, Missouri

Mary J. Lucas

Sullivan, Missouri

Institute of Electrical and Electronic Engineers.

Michael R. Lukuc

Herrin, Illinois

Phi Theta Kappa; Society of Automotive Engineers.

Joseph E. Lundeen

Rolla, Missouri

Jenny A. Lynch

St. Charles, Missouri

Zeta Tau Alpha Sorority - President, Vice President; Panhellenic - President; Cheerleaders; Student Union Board; Blue Key; Golden Hearts; Intramurals.

Otto J. Lynch

Bolivar, Missouri

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Sigma Phi Epsilon Fraternity; Eta Kappa Nu; Tau Beta Pi.

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Student Union Board - Treasurer; Eta Kappa Nu; Phi Kappa Phi; Institute of Electrical and Electronic Engineers; Blue Key.

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Chi Omega Sorority; Student Council; Tau Beta Pi; Toastmasters; Pi Tau Sigma; American Society of Heating, Refrigeration, and Air Conditioning Engineers.

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Association for Computing Machinery.

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Society of Physics Students.

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Sigma Nu Fraternity; St. Pat's Board-Vice President; Theta Tau Omega.

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Eta Kappa Nu; Institute of Electrical and Electronic Engineers; International Students Club.

Gregory C. Miller

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Sports Car Club - President, Treasurer.

Michael H. Miller

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American Institute of Aeronautics and Astronautics; Kappa Kappa Psi-President, Secretary; Wesley Foundation; Marching Band; Bagpipe Band.

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Upsilon Pi Epsilon - President, Secretary; Phi Eta Sigma; Kappa Mu Epsilon; Association of Computing Machinery.

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Mine Mucking Team; Mine Rescue Team.

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Omega Chi Epsilon; Tau Beta Pi; Intramurals; *Missouri Miner*.

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Sigma Pi Fraternity; Institute of Electrical and Electronic Engineers; Association for Computing Machinery; Interfraternity Council.

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Dennis L. Molli II

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Edwin T. Monroe

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Society of Physics Students - President; Rugby Club.

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Varsity Track; Tau Beta Pi.

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Society of Mining Engineers; American Society of Engineering Management; General Delegation of Independents; International Students Club.

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Marching Band; Concert Band; Pep Band; American Society of Engineering Management; Minority Engineering Scholar.

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Phi Eta Sigma; Omega Chi Epsilon; Phi Kappa Phi; American Chemical Society; American Institute of Chemical Engineers.

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Pi Kappa Alpha Fraternity; Toastmasters - President; Trap and Skeet Club - President; Blue Key; Institute of Electrical and Electronic Engineers; Tae Kwon Do.

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Newman Center; Student Council.

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InterVarsity Christian Fellowship-Vice President; Choir.

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Tech Engine Club; Institute of Electrical and Electronic Engineering; Choir; Intramurals.

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American Foundrymen's Society; American Society for Metals; American Chemical Society.

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Wesley Foundation; Psychology Club.

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Tech Engine Club; Intramurals.

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American Institute of Chemical Engineers-Treasurer; Alpha Chi Sigma; White Stars - Treasurer; Intramurals; Varsity Tennis.

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Kappa Delta Sorority; Intercultural Club; Order of the Sun.

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Newman Center; Sigma Gamma Tau; Society of Women Engineers.

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U

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Eric J. Ward

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Rollamo - Photographer; American Society of Mechanical Engineers; Intramurals.

Timothy R. Watsek

Godfrey, Illinois

Kappa Alpha Fraternity; Interfraternity Council - Treasurer; Alpha Phi Omega.

SENIOR ACHIEVEMENTS

Psychology Faculty: R. Hall, R. Montgomery, D. Haemmerlie, D. Geary, R. Kellogg, C. Riordan.



B. Booth

Gregory J. Weatherford

Arnold, Missouri
Symphonic Band; Jazz Band; Kappa Kappa Psi; Blue Key; Bacchus.

Ray M. Webb

Stewartsville, Missouri
American Society of Civil Engineers; Association of General Contractors; Intramurals.

Angela K. Weber

Hermann, Missouri

Eric G. Weber

St. Louis, Missouri
Pi Tau Sigma; American Society of Mechanical Engineers.

Michael R. Wehmeyer

St. Peters, Missouri
Lambda Chi Alpha Fraternity; Institute of Electrical and Electronic Engineers; Air Force ROTC; Student Council; Intramurals.

Robert A. Weinmann

St. Louis, Missouri
American Institute of Aeronautics and Astronautics; American Society of Engineering Management.

Matthew L. Westerheide

St. Louis, Missouri

John R. Westrich

Gladstone, Missouri
American Institute of Chemical Engineers; Society of Automotive Engineers.

James G. Wheeler

St. Louis, Missouri
Delta Tau Delta Fraternity - Treasurer.

Elizabeth A. Wholf

Lee's Summit, Missouri
American Institute of Chemical Engineers - President; Residence Hall Association; Inter-Residence Council; National Residence Hall Honorary.

Wyndham E. Whynot

Waynesville, Missouri
Army ROTC; Organization of American Historians.

Michael F. Wiegand

Red Bird, Illinois

David F. Wiethop

Fenton, Missouri
Pi Kappa Alpha Fraternity; American Institute of Aeronautics and Astronautics; Gamma Alpha Delta; Society of Automotive Engineers.

Lisa R. Wilcox

St. Joseph, Missouri
Kappa Delta Sorority - President, Treasurer; Varsity Tennis; Blue Key.

Todd A. Wildhaber

Beaufort, Missouri
Institute of Electrical and Electronic Engineers; Tech Engine Club; General Delegation of Independents.

James M. Wilkerson

Rolla, Missouri

Gregory A. Williams

Springfield, Missouri
Student Union Board; American Society of Mechanical Engineers.

Joseph Williams Jr.

St. Louis, Missouri
Alpha Phi Alpha Fraternity - President; Minority Engineering Program; Association for Black Students.

Janine L. Williston

St. James, Missouri
Wesley Foundation; Phi Eta Sigma; Kappa Mu Epsilon; Upsilon Pi Epsilon.

Donna L. Willy

Rolla, Missouri
American Society of Engineering Management; Angel Flight.

Gary A. Wilson

St. Charles, Missouri

Mary C. Windish

Ferguson, Missouri
Institute of Electrical and Electronic Engineers; Society of Automotive Engineers; Eta Kappa Nu; Thomas Jefferson Housing Association;

Gregory M. Witte

Bridgeton, Missouri

Hau-Fong Wong

St. Louis, Missouri
Eta Kappa Nu; Institute of Electrical and Electronic Engineers.

SENIOR ACHIEVEMENTS

Ming H. Wong

Rolla, Missouri

Chinese Students Association.

Kimberly K. Wood

Teresita, Missouri

American Society of Engineering Management - President; Institute of Industrial Engineers; Society of Women Engineers; Sisters of the White Star.

Cecilia Wright

Kansas City, Missouri

Delta Sigma Theta Sorority; Institute of Electrical and Electronic Engineers; National Society of Black Engineers; Voices of Inspiration Choir; Intramurals.

Daniel K. Wright

Anna, Illinois

Varsity Golf; Phi Eta Sigma; Society of Automotive Engineers.

Y

David L. Yearack

Marion, Illinois

Phi Eta Sigma; Trap and Skeet Club-President.

Susan E. Yeargain

St. Charles, Missouri

Chi Omega Sorority; Panhellenic; Pi Tau Sigma; Order of the Sun.

Sien H. Yek

Cordove, Tennessee

Phi Eta Sigma; Kappa Mu Epsilon; Tau Beta Pi; Omega Chi Epsilon; Phi Kappa Phi; American Institute of Chemical Engineers.

Michelle J. Yi

Independence, Missouri

American Society of Mechanical Engineers; Korean Students Association - Vice President, Secretary; Sisters of the White Star; International Students Club.

Kristina M. Yocum

St. James, Missouri

Psychology Club.

Joe H. Yoon

Rolla, Missouri

Mark S. Yungbluth

St. Louis, Missouri

Phi Kappa Theta Fraternity; Pi Tau Sigma - President, Secretary; Tau Beta Pi - Secretary; Kappa Mu Epsilon - President, Vice President; Phi Eta Sigma; Blue Key.

Z

David L. Zimmerman

Manhattan, Kansas

Pi Kappa Alpha Fraternity - President, Vice President, Secretary; Theta Tau Omega; Aspha Phi Omega - Vice President; Rugby Club.



As part of the pomp and circumstance which every graduating senior must deal with during the commencement ceremony, posing for the cameras of entire battalions of friends and family comes easy for the graduates.

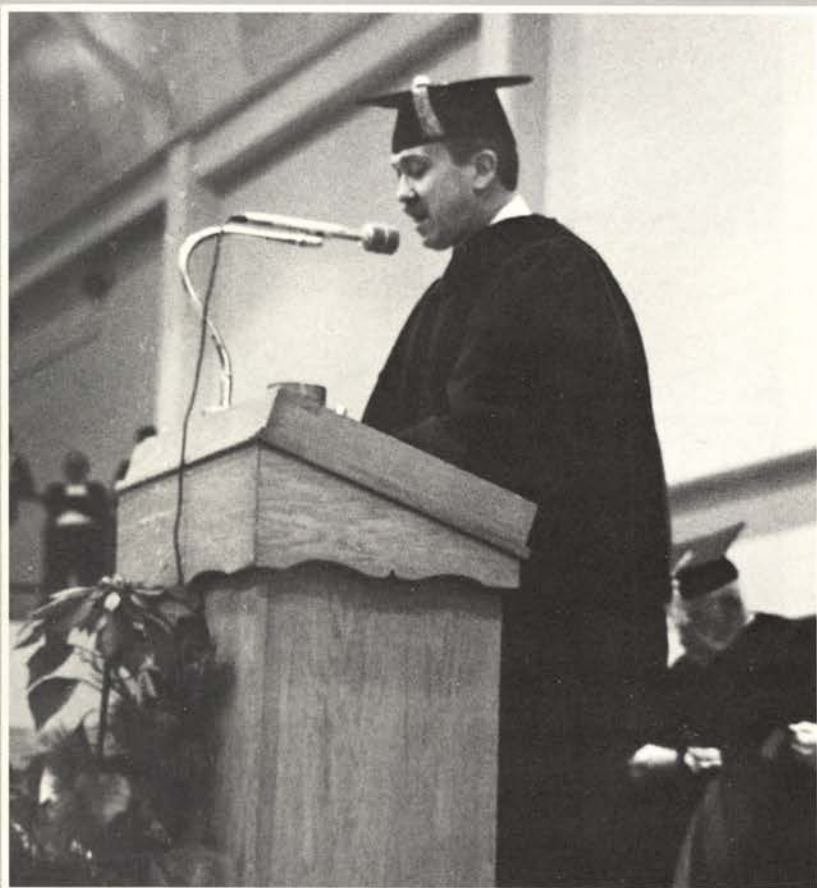
An Annual Exercise In Commencement

One of the many challenges facing the typical graduating senior during the commencement ceremony is how to stand out from all the other capped and gowned graduates. Mining engineers solved the problem by wearing hardhats with tassels. Aerospace engineers taped paper cutouts of fighter jets to their caps. Still, other seniors fixed polkadots, computer disks and personal messages to their caps to ensure that their parents and friends in the stands could find them.



Photos by T. Davis





Photos by J. McHaney



Graduates file into their designated seats for the Winter Commencement.

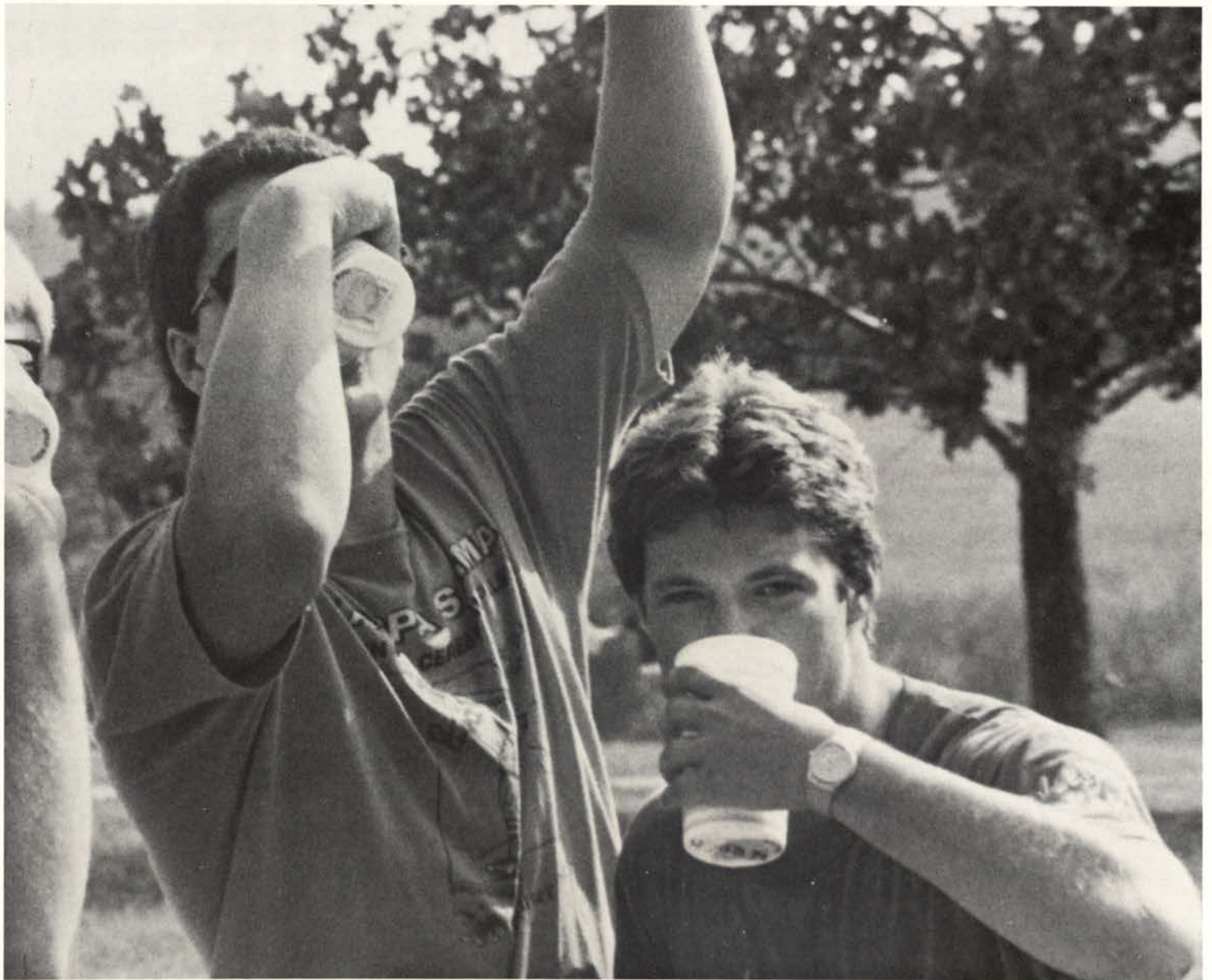
Chancellor Martin Jischke delivers a farewell address to the December graduates.

The Hand Off: Chancellor Jischke trades a diploma for a handshake with a December graduate.



D. Gawedzinski

STUDENT LIFE



M. Schmid

Student Life

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Parties off-campus are as much a part of student life as the fraternity, sorority and school sponsored events that dominate social life here at UMR.

Ready, Set, GO! Bob Fischer and Mark Wrocklage demonstrate student life while celebrating Septemberfest at Lion's Club Park.

Living in Dorms



S. Dyer

Over a fifth of all students here at UMR live in the school's two main dormitories. The majority of these students live in the two towers of the Thomas Jefferson Residence Hall, the North Tower appears above.

The corridors of the main floor of TJ are busiest in the 10 minutes allotted between classes.



D. Gawedzinski



A. Bartels



D. Gawedzinski

On their way to class, TJ's residents must press through the TJ Tube, an underpass crossing Highway 63 that is now becoming known as Graffiti World.

Left: Ken Turvey calls on the phone to home.

The South Tower's student lounge has a piano for the musically inclined residents.

Though the rooms are cramped, they still offer room for individual decorating choices.



D. Gawedzinski



T. Davis

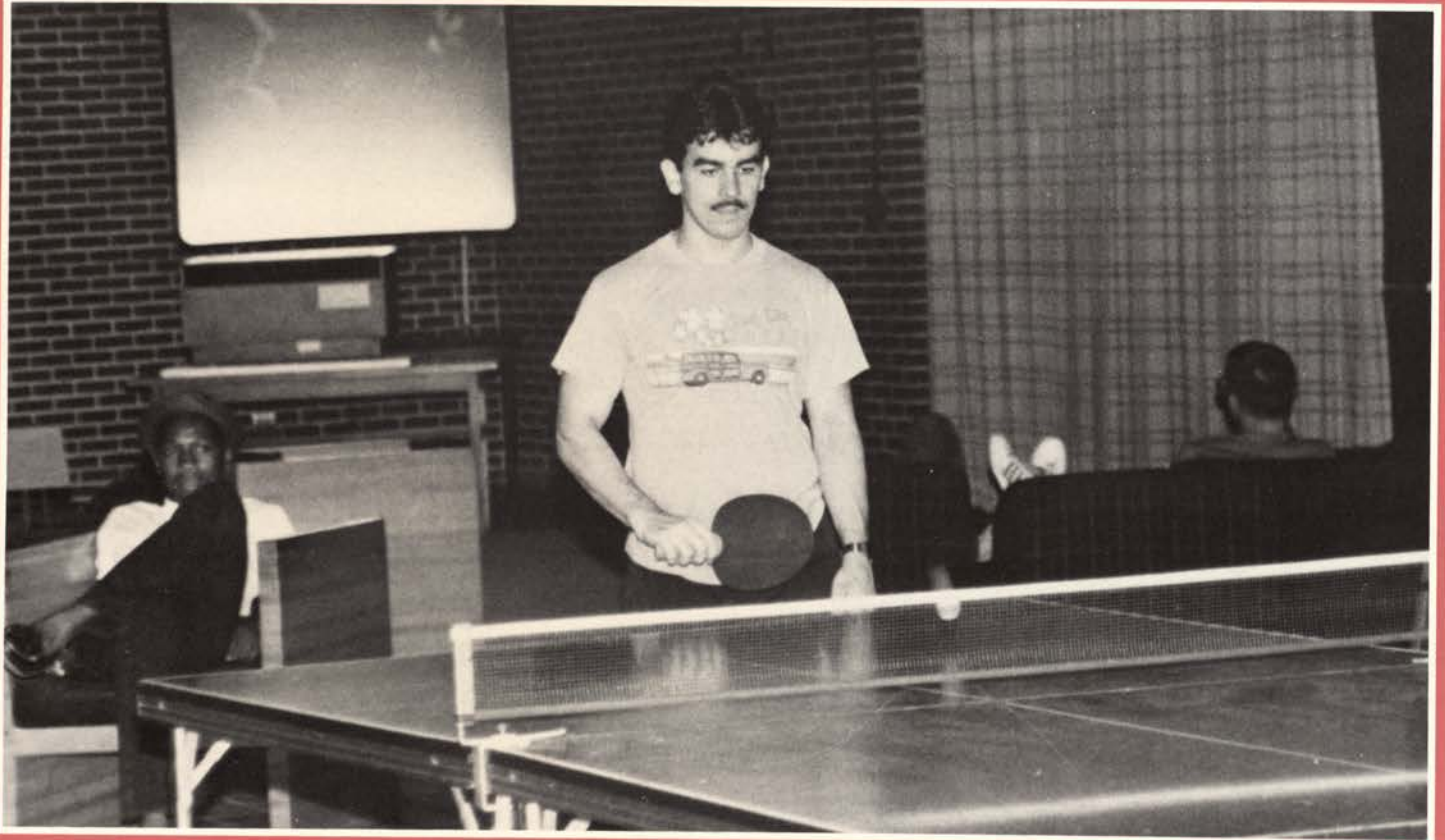


D. Gawedzinski



A female coed resident socializes in the South Lounge.

Waiting for service from the main desk is an activity shared by many of the dorm's students.



D. Gawedzinski

In addition to its intramural program, the dorms have a variety of physical activities available for its residents, including ping-pong and horseshoes.



G. Halley



G. Halley

Other games at TJ are volleyball and foosball. Each game attracts a core of "junkies" who are strongly dedicated to their sport.



G. Halley



Dining is not one of the dorm's strong points. Though many residents turn out in force for such fare as Steak Night and Shrimp Night, most students turn elsewhere for their meals, including the University Center.

Residents of the dorm pass some of their free time with friends playing board games.





G. Halley

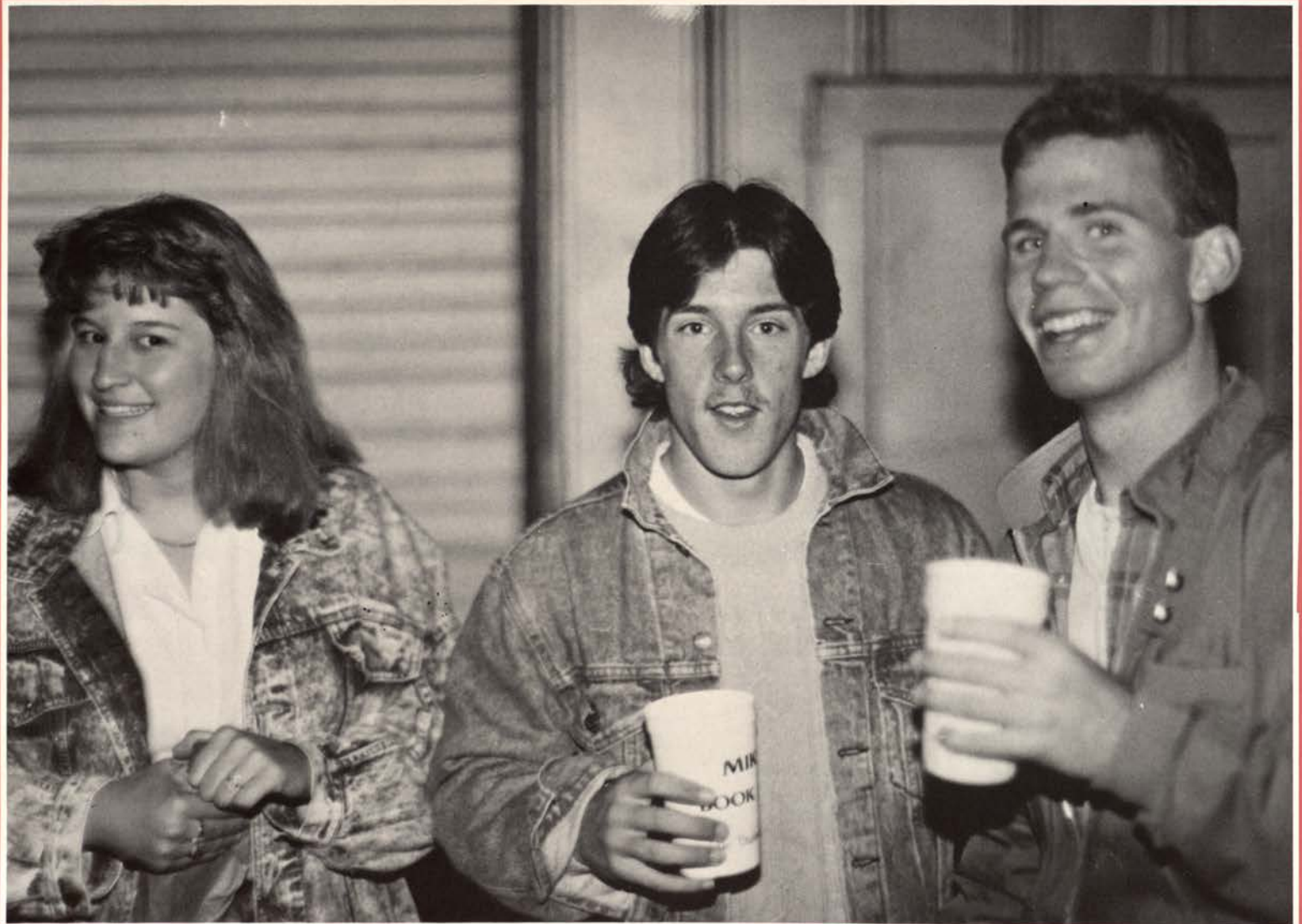


G. Halley

Meal tickets are the primary form of payment in the TJ cafeteria.

Others spend their time resting or playing with their computers.

A Real Barnburner Of A Dance



G. Halley

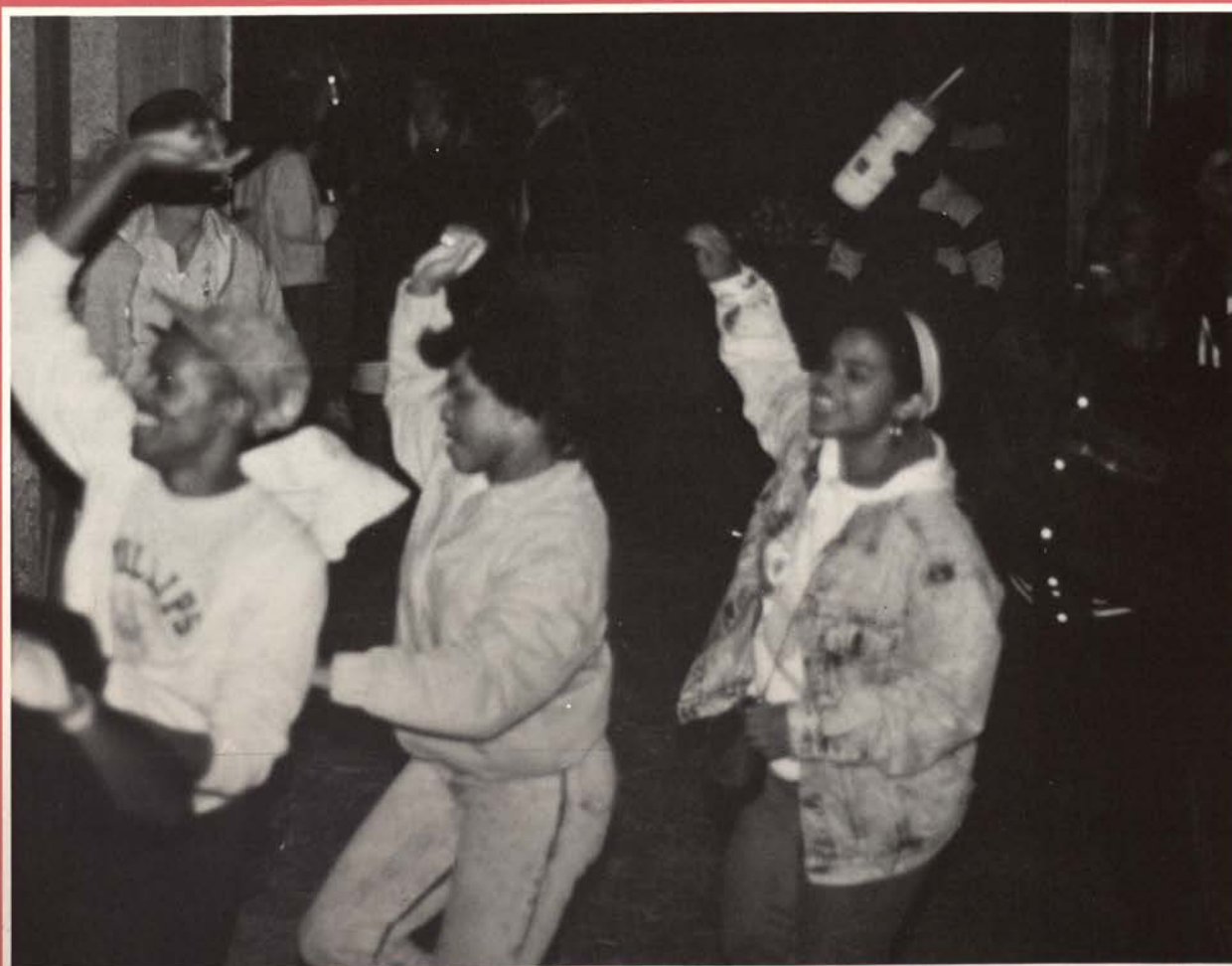
RHA residents were psyched to have fun at the RHA Barnburner Dance.

The beer line at the dance was the scene of some of the most fun had by the Quad residents.

Students form their own party line at the dance.



G. Halley





G. Halley

It wouldn't have been much of a dance without dancing. Whether it was slow dancing, or walking like Egyptians, everyone had fun.



G. Halley



Indian was the **name** of the game at the dance.

A 4th floor pre-party among TJ residents got them psyched for the Barnburner.

J. King



T. Davis



G. Halley

The Hoe-Down gets pulled out of the closet for the Barnburner.

Even the RHA girls who were there at the beginning of the party were still having fun at the end.

Members of GDI walk out of the Barnburner Dance in high spirits.



G. Halley



G. Halley

Snowballs Fly

As Students Release Tension

Photos by B. Booth

The Quad comes under attack by roving bands of UMR students letting off steam by snowball fights. The prime targets are open windows in the buildings of the Quad.





Snowballers pack up some more ammunition

Left: Bill Smith guards against a flank maneuver by members of Pi Kappa Alpha Fraternity during the snowball fights.



Night Life in Rolla

Hard to Find, But There

Photos by T. Davis

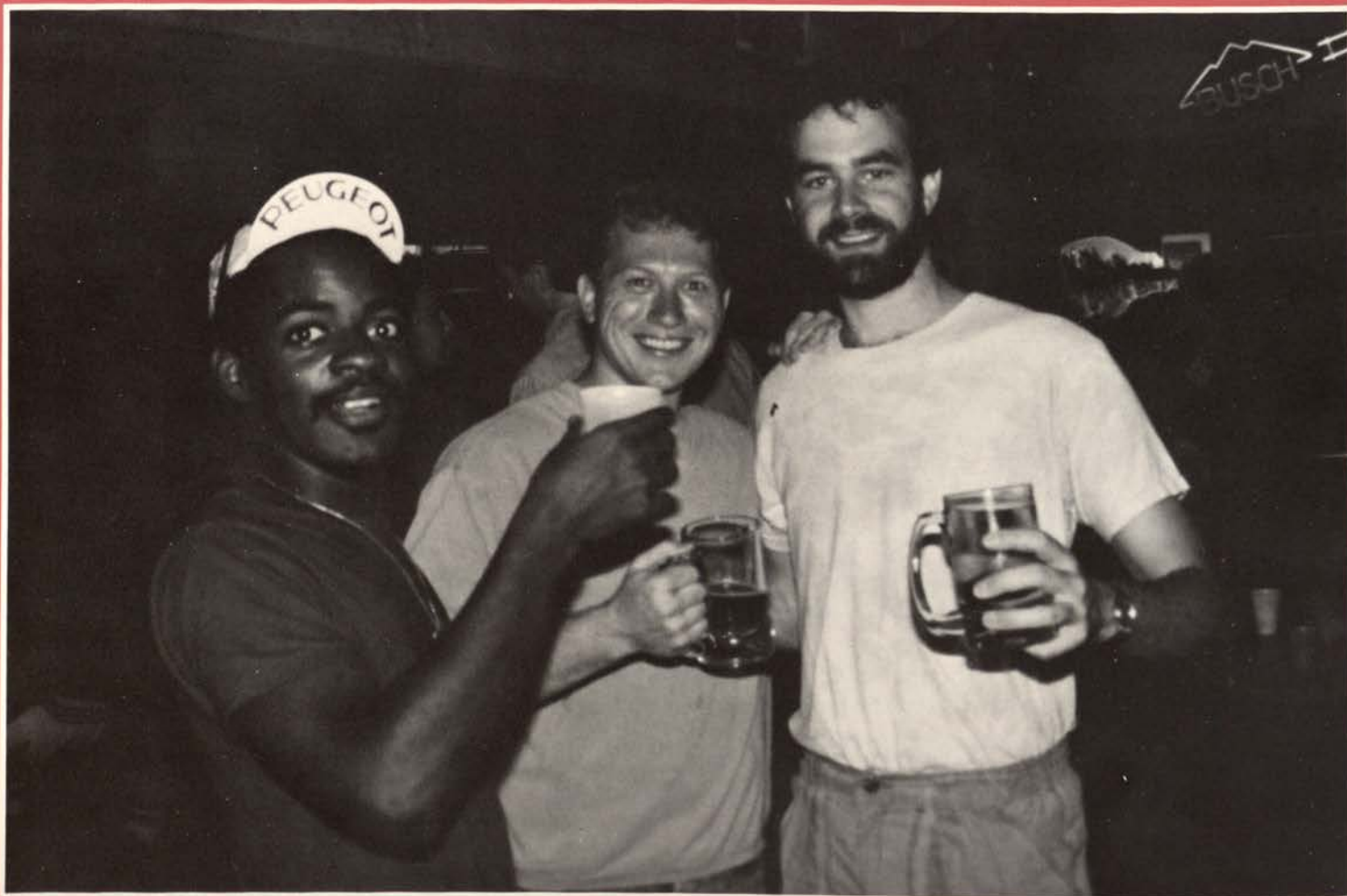
The Chief of Police of Rolla perhaps said it best when he spoke to a group of workers about alcohol abuse in Rolla. "We [the police] are fortunate here in Rolla," the chief observed. "We really don't have to monitor the university students on Sunday through Thursday nights. The school keeps them too busy."

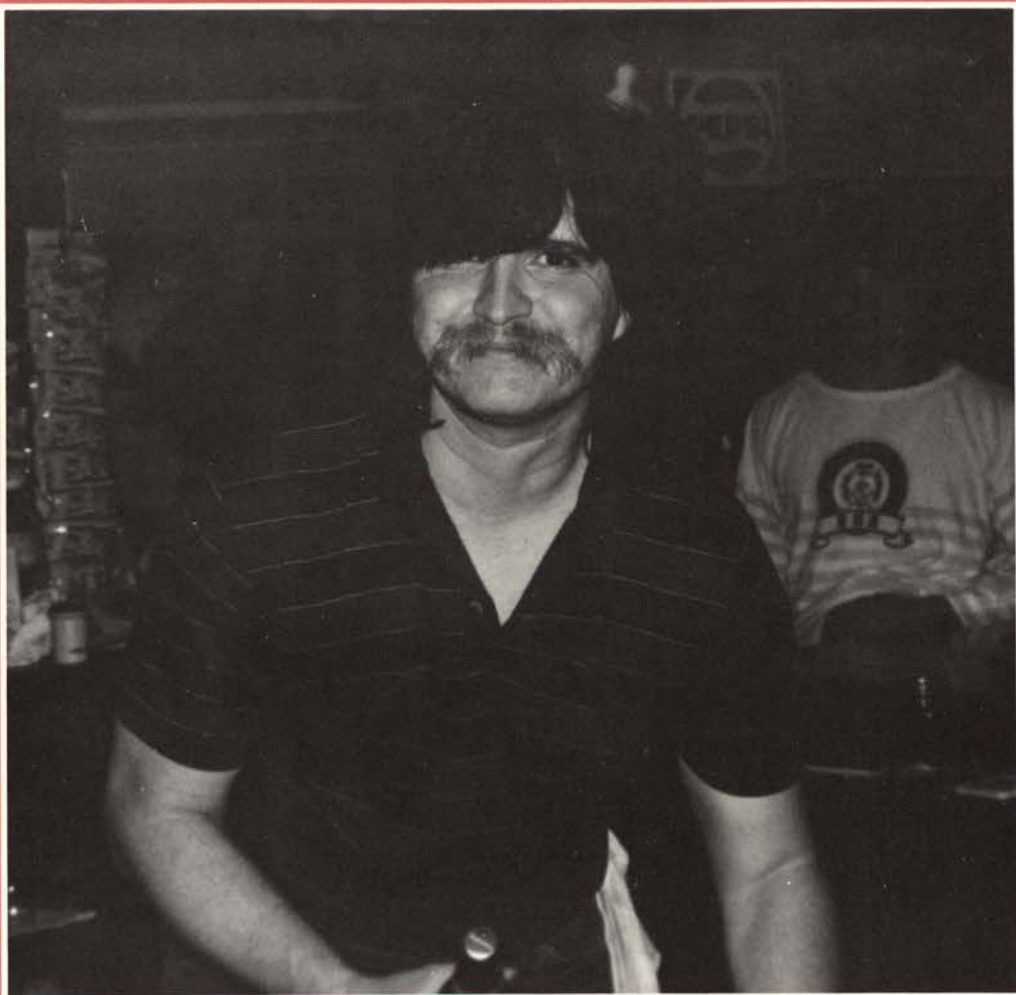
In those short words, the police chief summed up the state of affairs regarding Rolla's nightlife. Even though the town supports a number of bars and theatres, most of these places do light business during the week, except on nights when they have special deals for university students.

One of the most popular spots UMR students do get to is Brewster's, formerly named the Cavern. Each weekend, beginning on late Thursday night, hundreds of the school's over 21 crowd go to Brewster's to unwind. Other bars students go to are 209, Bruno's and Tracker's.

How Rolla nightlife will change in the future is still unsure. However, it is a safe bet it won't happen on Sunday through Thursday nights.

Brewster's is the most popular destination of UMR students seeking academic relief.





Bruce Walton, alias Brewster, is often the first person UMR's over 21 population look for when they go to the Cavern, now known as Brewster's.

Playing pool is one of the most popular activities in the bar.



Hi-Tops LIVE!

Student Band Fills Entertainment Niche at UMR

A major void in local entertainment was filled this year with the arrival of the Fluorescent Hi-Tops, a rock and roll student band.

Playing mostly at fraternity parties, the band has also shown up at Tracker's, a local bar. No matter where they played, however, a simple notice stating "Hi-Tops Live!" was enough to attract its growing ranks of devoted fans.

The High-Tops charge up their audiences with their repertoire of dance tunes, especially by John Cougar Mellencamp, even though the band has also been known to spontaneously break into Van Halen riffs.

The Fluorescent Hi-Tops: Dave Auernheimer, Rob DeChant, Eric Hauser, Dan Lumma.



S. Anyan

Dan Lumma and Rob DeChant keep pace with each other while practicing a John Cougar Mellencamp song.



M. Schmid



M. Schmid



Bassist Dave Auernheimer keeps the beat while Rob DeChant concentrates on lead guitar during a rehearsal.

Rob DeChant jams with a solo while performing part of the Hi-Tops' repertoire.

M. Schmid

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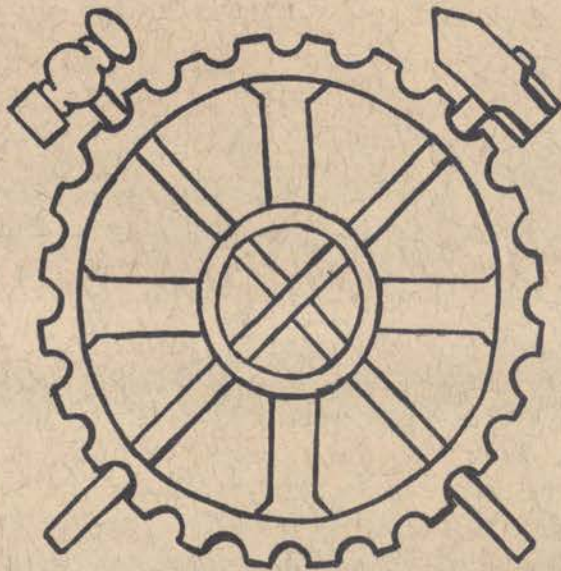
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